

INDEX TO VOLUME 3

The star (*) preceding the page number indicates an original article in THE ARCHIVES. No author entries are made except for original articles. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters B, O and S, respectively.

	PAGE
Abderhalden Reaction	105
demonstration by precipitin reaction.....	883
Abortion, epizootic, in mares.....	487
interruption of pregnancy in rat by injection of ovarian follicular extract.....	456
intraperitoneal hemorrhage complicating.....	106
Acid-Base Equilibrium, effect of histamine on	103
Acidosis, of hyperemesis, effect of insulin on	459
Acne, pathology of inheritance of.....	459
Acriflavine, bactericidal action of.....	310
intravenous use in bacterial infections...	714
Acromegaly and diabetes.....	833
minimal protein consumption in.....	838
Actinomycosis of tubes and ovaries.....	121
pulmonary	866
Addison's Disease	446
amyloidosis of adrenals as cause of.....	843
changes in suprarenals in.....	862
Adenocarcinoma, multinucleated giant cells in	908
Adenoma of islands of Langerhans.....	320
of parathyroid	352
Adenosarcoma, diffuse, of colon.....	891
renal, in young children.....	*1
Adiposis Dolorosa	107
Adrenals: See Suprarenals	
Agglutination: See also Bacillus; Blood groups; Enterococcus; Tularemia, etc. relation of bacteriophage to.....	875
Agglutinins, production of.....	546
Albert, H.: Technic of examination of feces for amebas and other intestinal protozoa	*235
Alcohol content of human brain; its relation to intoxication.....	*218
determination of.....	895, 895
determination of, in human tissues.....	*75
determination of, new medicolegal problems	509
effect on acid-base balance of blood.....	472
poisoning, chronic	474
Allergy, bacterial	535, 879
idiosyncrasy to hen's egg.....	504
in embryonic chicken heart.....	541
manifestations in frogs.....	324
medicinal, and body protein.....	502
primary, and shock.....	330
Ameba, appendicitis due to.....	737
colitis due to.....	307
differential characteristics of.....	475, 866
pathogenicity of	*1009
technic of examination of feces for.....	*235
Amidopyrine, death from overdose of.....	340
Amino-Acids, effect on growth of fibroblasts	283
effect of total removal of liver on deminimization	455
Ammonia and blood sugar.....	473
Amyloid, bodies, staining reactions of.....	346
vital staining of.....	346
Amyloidosis	115
experimental	711
Amyloidosis—Continued	PAGE
idiopathic	1045
local, of urethra.....	856
of adrenals, as cause of Addison's disease	843
Anaphylatoxic Properties in guinea-pig serum on long storage and on shaking.....	330
Anaphylaxis, acquisition and loss of hypersensitiveness in early life.....	320
active, effect of suprarenalectomy on....	135
active, in turtles.....	542
anaphylactic antibody	503
following injections of placental extracts.....	140
heparin inhibition of.....	880
heterologous corpuscular.....	497, 724
influence on fluid in peritoneal cavity....	141
lipoids in.....	329, 503
local, production of gastric ulcer by....	321
passive, in hemophiliac.....	320
passive, of turtles and guinea-pigs using immune serum from chickens and rabbits	541
pollen immune serum.....	880
production of, in blocked animals.....	322
quantitative study of interaction of atopic reagin and atopen.....	325
skin reactions and passive transfer of horse dander sensitiveness to antigens of horse dander extract.....	324
Anemia, congenital, with erythroblastosis..	862
experimental, foreign particles and reticulo-endothelial system in.....	465
Gaucher's disease.....	110, 1044
pernicious, color of blood serum in.....	147
pernicious, intestinal origin of.....	476
sickle-cell	290, 1075
tests for hepatic function in.....	834
Anesthesia, anoxemia, anhydremia and eclampsia	1030
ether, blood cholesterol during.....	282
phosphate metabolism in.....	282
Aneurysm, aortic, massive false.....	1079
aortic, mycotic	699
aortic, with invagination of carotid artery	352
femoral arteriovenous, from retrograde hypernephroma metastasis	1043
multiple, of branches of pulmonary artery	1039
mycotic, involving intraventricular septum	289
renal	851, 900
Angiomatosis, hereditary hemorrhagic.....	335
Anthrax, bacillus, asporogenic, production of experimental research on.....	719
immunization by means of anthrax bacilli attenuated with sodium chloride.....	326
intestinal	318
Antibodies against homologous circulation lipoids and their relation to Wassermann reaction	504
anaphylactic	503
combined action of antigens and, on bactericidal power of defibrinated blood...	1060
formation by experimental injections of hydatid fluid	327
formation, does it result as reflex or from resorption of antigen?.....	138
formation, influence of famine regime on.....	505
heterogenic, power of animals of rabbit type to form.....	501
Antigens: See also Antibodies	
behavior in vivo.....	878

INDEX TO VOLUME 3

Antigens—Continued	PAGE	PAGE	
disappearance in blood of normal and immunized animals, respectively.....	331	Asystole, circulatory disturbances in.....1036	
distribution of human hemoglobin and beef lens protein following single intravenous injection in rabbits.....	501	Atherosclerosis: See Arteriosclerosis	
heterogenic, antigenic functions of lipoid.....	503, 885	Atlanto-Occipital Membrane, accidental perforation of.....	505
heterogenic, studies in constitutional serology.....	504	Atopic Reagin and atopen, interaction of... in hay-fever.....	325
sensitized, action in production of specific and isophile hemolytic immune body.....	881	Atrophy, arthritic, oxygen consumption of muscles in.....	104
Antitoxin, isolation of substances with immune properties.....	880	Autopsies, embalming fluids in relation to..	1069
Antivenin specificity.....	547	legal relation of.....	894
Antrum, infections, staphylococcus bacteriophage in.....	718	methods for topographic representation of pulmonary changes.....	705
Aorta, aneurysm of.....	352, 699, 1079	on exhumed bodies.....	343
atheroma of.....	466	on new-born infants.....	341
imbibition of vital dyes by intima of....	114	Axilla, Demodex folliculorum in normal skin of.....	904
in rheumatism.....	356		
rupture into pericardial sac.....	851	Bacillus, abortus, agglutinins for, in blood of man.....	485
spontaneous bone and marrow formation in, of rabbit.....	*73	abortus, comparison of strains of.....	484
stenosis of isthmus of.....	698	abortus, in cow's milk.....	313
Aortitis, streptococcic.....	721	abortus, undulant fever from.....	478
Apfelbach, C. W.: Primary sclerosis of pulmonary artery and its branches....	*801	abortus-melitensis group, method of differentiating.....	523
Apparatus suggestions: (1) test tube plugs, (2) semiporous petri dishes and (3) centimeter counters.....	517	acidophilus, cultural characteristics of... acidophilus, surface tension studies with..	519
Appendicitis, amebic, with perforation and peritonitis.....	737	aertrycke, cultures of.....	309
so-called chronic.....	*947	anthracis: See Anthrax, bacillus	
Appendix, eosinophilia in.....	*821	botulinus: See Clostridium botulinum	
traumatic perforation of.....	471	bronchisepticus, in snuffles.....	125, 717
Arachnidism: See Spider Poisoning		bulgaricus, surface tension studies with..	519
Arachnodactylia.....	290	coli, bacteriophage, activity in synthetic medium.....	481
Arachnoid, fibroblastoma, large hyperostosis of cranium due to.....	1072	coli, bacteriophage in urinary infection...	478
Arachno-Perineuritis with syndrome of Froin and pseudotumor spinalis.....	850	coli, growth, effect of sodium ricinoleate on.....	519
Arndt-Schulz Law, biologic action and reaction.....	106	coli, involution forms of.....	871
Arsenic in ash of cremated bodies.....	1067	colon-aerogenes group, differentiation of..	124
Arteries, carotid, invagination of.....	352	colon-aerogenes group, fermentation of cellobiose by.....	311
changes in, after death.....	114	diphtheriae: See Diphtheria, bacillus	
chromotropic ground-substance of wall of..	859	enteritidis, soluble antigens of.....	546
compensation of wall of.....	111	Friedländer's, classification of.....	309
hepatic, effect of ligation of.....	455	Friedländer's immunological relationships of encapsulated and capsule-free strains of.....	878
of upper extremity, pathologic alterations of.....	858	Friedländer's, immunological relationships of cell constituents of.....	879
pulmonary, and its branches, sclerosis of..	*801	fusiformis, biology of.....	538
pulmonary, aneurysms of branches of.....	1039	fusiformis, filtrable phase in life history of.....	1048
pulmonary, arteritis of.....	843	gas, action of cultures of.....	713
pulmonary, effect of ligation of.....	847	leptisepticus, biology of.....	479
pulmonary, in rheumatism.....	354	leptisepticus, in snuffles.....	125, 717
pulmonary, stenosis of.....	740, 855	leprae: See Leprosy, bacillus	
renal, aneurysm of.....	851, 900	paratyphoid enteritidis group, in food poisoning.....	134, 876
Arteriosclerosis, articles on atherosclerosis.	862	paratyphosis B, effect of soluble toxic substances of, on intestines.....	124
atheroma of aorta.....	466	pestis caviae, experimental bacteremia and plague from.....	867
atheromatous degeneration of arterial wall; result of hydrodynamic mechanism.....	*404	pestis caviae, virulence of overgrowth in lyzed cultures of.....	868
of cerebral vessels, and hypertension....	701	proteus.....	722
of pulmonary artery and its branches....	*801	pyocyaneus infection in infants.....	874
with high blood pressure and cardiac hypertrophy in chronic nephritis.....	1040	radiobacter, evolution from mixed cultures of B. and Pseudomonas radicola	544
Arthritis deformans.....	300	salmonella group, human infection and intoxication by.....	1048
Ascaris, dermatosis due to.....	882	salmonella group, micro-organism belonging to, isolated from epizootic.....	316
lumbricoides, in fallopian tube.....	850	salmonella group, resistance to bacterial infection.....	535
Aspergillosis, pulmonary.....	129, 477	salmonella group, variation of.....	1052
Aspergillus fumigatus in pseudotuberculosis.....	1055	Shiga-Kruse: See Dysentery, bacillus	
Asthma due to hypersensitiveness to Pediculoides ventriosus.....	495	subtilis, microbial dissociation in.....	543
fatal case.....	877	tetani: See Tetanus, bacillus	
hypersensitiveness in.....	880	tuberculosis: See Tubercle Bacillus	
pathogenesis of.....	137, 138		
therapy of.....	138		

INDEX TO VOLUME 3

Bacillus—Continued	PAGE	PAGE
typhoid group, culture mediums for differentiation of	484, 547	
typhosus: See Typhoid, bacillus welchii, hemotoxin, oxidation and reduction of	323	
Back, suicidal stab wound of	1068	
Bacon, A. L.: Biometrical studies in pathology; racial and age incidence of cancer and other malignant tumors	*963	
Bacon, C. M.: Primary sclerosis of pulmonary artery and its branches	*801	
Bacteremia, experimental, in rats	867	
Bacteria, acid-fast, attempt to enhance virulence of, in scorbutic guinea-pigs	1056	
acid-fast, cytomorphosis of	126	
acid-fast, serological relationship of	496, 723	
affected by heatresistant bactericidal substances	502	
anaerobic, blood-agar plate for	124	
anaerobic, from African poisoned arrows	515	
anaerobic, in nasopharyngeal washings	516	
chemical study of	475, 478	
culture, blood-clot digest medium for	523	
culture, inhibition by some amino-acids and its bearing on use of tryptic digests as culture media	127	
culture media	148	
culture, potato utilization as indicated by hydrogen peroxide	517	
detection of changes in gelatin due to	715	
dissociation, and mutation myth	542	
dissociation, homologous immune serum in	542	
dissociation, in <i>B. subtilis</i>	543	
drug fastness in relation to resistance toward familiar germicides	485	
effect on chemical composition of surrounding menstruum	519	
effects of roentgen rays on	490	
elective localization of, in heart disease	718	
enzymes	1050	
filters for	735	
gram-negative, from genito-urinary infections	518	
granular form	317	
growth, influence of diphtheria toxin on	545	
heredity in	1051, 1051	
in supposedly sterile meconium	547	
inaniition	491	
isolation of single cells	524	
metabolism	521, 523	
metabolism of abortus-melitensis bronchi-septicum-alcaligines group	522	
metabolism, protein, of <i>C. putrefaciens</i> (McBryde)	516	
mutation myth and microbial dissociation	542	
spores, heat resistance	310, 715	
symbiosis	123	
symbiosis, gas production by	482	
Bacteriolysin, formation in experimental cultures of spleen	137	
Bacteriolysis of <i>Bacillus tuberculosis</i>	884	
Bacteriophage, acquired resistance to	881	
active against a thermophilic bacillus	524	
anticolon, activity in synthetic medium	481	
appearance of tâches vièrges in	881	
in urinary infection	478	
nature of	872, 876, 877	
relation to agglutination	875	
staphylococcic in antrum infections	718	
streptococcic	480, 544, 544	
virulence of overgrowth in lyzed cultures of <i>Bacillus pestis caviae</i>	868	
Bacterium monocytogenes, disease of rabbits caused by	486	
pneumosintes, in influenza	713, 870	
Balantidium coli, dysentery	*665	
Barksdale, E. H.: Effect of lowering blood pressure on myocarditis caused by epinephrine hydrochloride and caffeine in rabbit	*658	
Bartonella Bacilliformis, cultivation of	307	
experimental inoculation with and transmission of	869	
etiology of verruga peruana	1050	
viability of	713	
Bile cholesterol	287	
ducts, cystadenoma papilliferum hepatis developing from	506	
ducts, valves of Heister	846	
from gallbladder, bilirubin content of, in cholecystic disease	*993	
pigment, formation of	838	
regulation of flow into duodenum	834	
Bilharziasis: See Schistosomiasis		
Biliary Tract, function tests	148	
protozoiasis	351	
Bilirubin, absorption from intestine	1030	
formation, liver as site of	100	
Biological Abstracts	693	
Biology, action of radium in field of	1054	
Biometrical studies in pathology	*963	
Bladder, specific infectious cystitis of cows	308	
Blastomyces, infective and toxanomic significance of ascospore stage for	123	
Blood: See also Erythrocytes; Hemoglobin; Leukocytes; Serum; etc.		
ability to form lactic acid from polysaccharides	1037	
acetone bodies, determination of	513	
acid-base equilibrium changes caused by hemorrhage	282	
acid-base equilibrium, effect of carbon tetrachloride and alcohol on	472	
albumin, biologic differentiation in rat and mouse	884	
albumin, globulin and fibrinogen in acute and chronic nephropathies	710	
amino nitrogen in	304	
anoxemia, anhydremia, anesthesia and eclampsia	1030	
anoxemia, experimental	842	
bactericidal action, combined action of antigens and antibodies on	1060	
bactericidal action, effect of salt content of blood on	1059	
bactericidal action, following injections of adrenalin	494	
bactericidal action, of women infected with the gonococcus	499	
bactericidal action, on bacteria	502	
bile salts, quantitative test of	514	
bilirubin, rapid clinical method for determination of icterus index	*409	
bilirubin, spectrophotometric determinations of	512	
calcium, in circulatory diseases	287	
calcium, in irradiated normal and partially parathyroidectomized rabbits	1034	
calcium, pathological variations in	118	
cells, calcium chloride as preservative for	514	
cells, heterologous corpuscular anaphylaxis	497, 724	
cells, in endocarditis lenta	295	
cells, volume in normal and tuberculous males	1039	
chemistry, after bilateral oophorectomy	277	
chemistry, after experimental high jejunostomy	836	
chemistry, during fasting	834	
cholesterol	287	
cholesterol, as inherited character; relation to tuberculosis	1058	
cholesterol, during ether anesthesia	282	
cholesterol, estimation of	473	

INDEX TO VOLUME 3

Blood—Continued	PAGE	Blood—Continued	PAGE
cholesterol, in relation to cancer.....	142	pressure, high, atheromatous degenera- tion of arterial wall.....	*404
coagulation	1034	pressure, high, basal metabolic rate in..	279
coagulation, in hemophilia.....	455, 1030	pressure, high, experimental.....	912
color, diagnostic value in pernicious anemia	147	pressure, high, pathogenesis of.....	701
comparative studies of sugar, lactic acid and acid base balance of cerebrospinal fluid and	555	pressure, repeated readings in laboratory animals	911
composition, after ingestion of glucose..	696	proteases, differentiation and characteri- zation of	711
composition and total quantity in moun- tain dwellers	287	protein fractions in normal pregnancy..	863
composition, during pregnancy..	303, 698, 863	reaction, abnormal, changes in gas meta- bolism and blood sugar with.....	866
count, convenient apparatus.....	*828	reaction, in epilepsy.....	1048
count, in normal rabbits.....	701	reaction, influence of changes in, upon reaction of tissues.....	864
diseases	858	reaction, influence of physical work on, in circulatory diseases.....	287
distribution of chloride and protein be- tween plasma and synovial fluid.....	1046	salt content, effect on bactericidal power	1059
filtrates, liberation of absorbed substances from proteins in.....	473	spots, cystodiagnosis of.....	894
globulin, in leprosy.....	863	spots, diagnosis of individual from.....	894
groups, as means of determining racial relationship	495	sugar	474, 555
groups, complex nature of substance in..	330	sugar, action of insulin on.....	1036
groups, constitutional serology.....	504	sugar, and ammonia.....	473
groups, errors in determination of	883, 894, 1060	sugar, and urea.....	832
groups, in Greenland.....	886	sugar, bird malaria modified by changes in	306
groups, in hemophilia.....	504	sugar, changes in, with abnormal blood reactions	866
groups, in infants.....	328	sugar, determination	118, 899, 1070
groups, in tuberculosis.....	883, 883	sugar, determination, Benedict method for	345
groups, individuality of semen in inhibit- ing specifically isohemoagglutination...	879	sugar, determination, comparison of Folin-Wu and new Benedict method for	148
groups, inheritance and racial significance of	491	sugar, determination, modification of Becher-Herrmann micro-method for...	346
groups, iso-agglutinins in horse blood...	504	sugar, determination, new table for..	511, 735
groups, new designation of.....	1029	sugar, diagnostic significance in ulcer pepticum and carcinoma.....	287
groups, of Laplanders in Sweden.....	728	sugar, hyperglycemia, pressure on central nervous system in relation to.....	834
groups, of mother and fetus.....	330	sugar, hypoglycemia, effect of dihydroxy- acetone on	102
groups, six anomalous bloods; theory of iso-agglutination	734, 1060	sugar, hypoglycemic action of sulphur...	1037
groups, study of iso-agglutinins.....	327, 504	sugar, in dementia praecox.....	835
groups, tests for paternity.....	507	sugar, in status thymicolympathicus....	302
hematin	474	sugar, preservation of blood for chemical analysis	*410
hematopoiesis, histogenesis of extramedul- lary myelopoiesis	301	sugar, recent advances in study of.....	836
hematopoiesis in recurrent fever.....	298	sugar, rôle of liver amylase in regula- tion of	1045
hemocyanin in transport of oxygen and carbon dioxide in.....	472	transfusion,	501
hemoglobin, color index, saturation index and volume index standards.....	512	transfusion, in mercuric chloride poison- ing	457
inorganic constituents of.....	117	transfusion, intraperitoneal, of citrated blood	831
intestinal putrefactive products in.....	475	transfusion of immune blood in malig- nant endocarditis	498
irradiation, effects on arterial blood pres- sure and on blood, in vivo.....	850	turtle, formation of giant cells in cul- tures of	461
lactic acid,	286, 555	urea and sugar.....	832
lactic acid, in carcinoma.....	304	urea nitrogen concentration of, effect of guanidine and insulin on.....	119
lactic acid, in toxemias of pregnancy....	281	uric acid, determinations of.....	471, 899
lecithin, estimation of.....	473	vessels, displacement of tissue from cen- tral nervous system into.....	339
lipoids, antigenic functions of.....	885	vessels, of spleen.....	361
oxygen saturation, influence of physical work on, in circulatory diseases.....	287	vessels, peripheral, in rheumatism....	107, 356
pancreatic hormone in.....	697	vessels, peripheral, influence of vasomotor state on leucocytic content.....	458
peroxidases in	303	viscosity of, after gastro-intestinal ob- struction	284
picture, in tuberculosis in high altitudes.	1055	volume, dye methods for determining	511, 896
platelets, count	514	Bloom, W.: Immune reactions in tissue culture; reaction of lungs from normal and immunized rabbits to pigeon ery- throcytes	*608
platelets, count, reticulo-endothelial sys- tem in regulation of.....	1041	Bollman, J. L.: Bilirubin content of gall- bladder bile in cholecystic disease.....	*993
potassium, in circulatory diseases.....	287		
preservation of	345, *410		
pressure, action of embryonic extracts on	105		
pressure, action of insulin on.....	287		
pressure, action of light on.....	850		
pressure, effect of lowering, on myo- carditis caused by epinephrine hydro- chloride and caffeine in rabbit.....	*658		
pressure, high, arteriolar sclerosis, and cardiac hypertrophy in chronic nephri- tis	1040		

INDEX TO VOLUME 3

	PAGE		PAGE
Bone, aseptic necrosis of.....	860	Book Reviews—Continued	
brittle, and blue sclera.....	846	Studies on Tsutsugamushi Disease; R. Kawamura	917
calcification, effect of repeated injections of parathyroid extract on.....*	1002	Survey of American Chemistry. Volume I	1086
calcium, magnesium, phosphate and carbonate in	117	Tuberculosis, Bacteriology, Pathology and Laboratory Diagnosis, with Sections on Immunology, Epidemiology, Prophylaxis and Experimental Therapy; E. R. Baldwin, S. A. Petroff and L. S. Gardner.....	916
formation, function of phosphatase in... 303		Books Received	360, 575, 749, 919, 1087
formation, heterotopic	300	Borrellina, new group of ultramicrobian parasites	129
formation, spontaneous, in aorta of rabbit	* 73	Brain, alcoholic content of; its relation to intoxication	*218
growth, disturbances following resection of joints	102	birth injuries and their results.....	463
growth, osteogenesis imperfecta.....	1042	calcification in basal ganglia of.....	852
inorganic composition of.....	118	cancer, metastatic	887
marrow, heterotopia in saponin poisoning	294	colloid degeneration and coagulation necrosis in	708
marrow, hyperplasia, in man.....	842	cysticercus, pathologic anatomy of.....	861
marrow, spontaneous formation in aorta of rabbit	* 73	"diffuse sclerosis"	860
transplantation of	292, 845	glia scar in rhombencephalon and diencephalon following encephalitis epidemica	861
tumor, giant cell.....	887	hemorrhage, vascular tuberculosis of pia-arachnoid with	707
tumor, roentgen-ray diagnosis.....	153	in sudden unexpected death.....	143
BOOK REVIEWS:		inflammatory problem in.....	704
Elements of Pathology; A. G. Ellis.....	158	laminar cortical softening.....	708
Enzymes: Properties, Distribution, Methods and Applications; S. A. Wakeman and W. C. Davison.....	573	lesions, gross pontile bleeding in.....	844
Essays in the History of Medicine; K. Sudhoff	159	microscopic anatomy of infantile amaurotic idiocy	*768
Grundriss der Pathologischen Anatomie; G. Herxheimer	746	repair	844
Histological Technique for Normal Tissues, Morbid Changes and Identification of Parasites; H. M. Carleton....	357	roentgen irradiation of.....	113
Human Pathology. A Textbook; H. T. Karsner	747	tissue, displacement into blood vessels and embolism	339
Hydrogen Ion Concentration. Its Significance in Biological Sciences and Methods for Its Determination; L. Michaelis	157	tuberous sclerosis	738
Hydrogen Ion Concentration of Blood in Health and Disease; J. H. Austin and G. E. Cullen.....	160	tumors, cell and albumin content of cerebrospinal fluid in.....	865
Immunity in Syphilis; A. M. Chesney.....	1085	tumors, ependymal	337
Local Immunization. Specific Dressings; A. Beasedka	745	tumors, ganglioneuroblastoma	336
Lyssa bei Mensch und Tier; R. Kraus, F. Gerlach and F. Schweinburg.....	572	tumors, gliomas, incidence and process of calcification in.....	853
Medical Department of United States in World War. Volume XIV. Medical Aspects of Gas Warfare.....	574	tumors, multiple primary.....	887
Mesenteric Vascular Occlusion, Supplemented by Appendix of 76 Original Cases; A. J. Cokkinis.....	741	tumors, teratoma	337
Pathologisch-Anatomische Diagnostik an der Leiche nebst Anleitung zum Sezieren; H. Beitzke.....	744	Breast, cancer, isaminblue in.....	1066
Pernicious Anemia; F. A. Evans.....	160	cancer, late recurrence in.....	893
Physiology and Biochemistry in Modern Medicine; J. J. MacLeod.....	918	cancer, metastases in scalp.....	727
Pneumoconiosis (Silicosis); Roentgenological Study with Notes on Pathology; H. K. Pancoast and E. P. Pendergrass	1085	cancer, multinucleated giant cells in.....	908
Principles and Practice of Chemotherapy with Special Reference to Specific and General Treatment of Syphilis; J. A. Kolmer	358	cancer, tuberculosis of axillary lymph nodes in	731
Principles of Anatomic Illustration before Vesalius. Inquiry into Rationale of Artistic Anatomy; F. H. Garrison	159	formation of xanthoma cells in.....	467
Protozoology, Manual for Medical Men, Veterinarians and Zoologists; C. M. Wenyon	569	supernumerary, near labium.....	107
Significance of Physical Constitution in Mental Disease; F. I. Wertheimer and F. E. Hesketh.....	914	Broad Ligament, lipoma of.....	332
Statistical Survey of 3,000 Autopsies from Department of Pathology of Stanford University Medical School; W. Ophüls	742	Bromide, poisoning, bromine distribution in	896
		Bronchi, anastomosing, in human lung....	*161
		Bronchiectases of preterminal bronchial systems	854
		Brown, A. L.; Rapid clinical method for determination of icterus index.....	*409
		Brucella abortus: See Bacillus abortus	
		Burns, influence on epinephrine secretion. sodium chloride metabolism in.....	455 835
		Cadavers, changes caused by maggots in..	146
		Caffeine, effect of lowering blood pressure on myocarditis caused by epinephrine hydrochloride and, in rabbit....	*658
		Calcification, in basal ganglia of brain... 852	
		in gliomas of brain.....	853
		metastatic, in organs of dog after injections of parathyroid extract.....	* 14
		Calcium, chloride, use in formation of experimental staphylococcus abscesses....	*1008
		effect of calcium, vitamin C, vitamin D ratio in diet on permeability of intestinal wall to bacteria.....	872
		metabolism	1035, 1035

INDEX TO VOLUME 3

	PAGE		PAGE
Calculi, biliary, pathogenesis of.....	1045	Cellophane, as sterilizable dialyzable mem- brane	*239
formation from colloid-chemical point of view.....	303	Cells, changes in electrical resistance ac- companying death of.....	520
in prostatic urethra	152	division, effect of sodium on.....	888
Callender, G. R.: Dysentery.....	*665	giant, in erythroblastosis.....	468
Tularemia; microscopic changes of lesions in man	*577	giant, in tuberculosis.....	291, 298, 705
Cancer: See also Adenocarcinoma; Chorio- carcinoma; Epithelioma; Sarcoma; Tu- mors		giant, in turtle blood cultures.....	461
blood lactic acid in.....	286, 304	inclusions, in diseases due to filtrable viruses	528
cells, insulin in.....	891, 1063	interstitial, of ovary, origin of.....	848
cells, metabolism of.....	506, 695	interstitial, of testis, function of.....	859
cholesterol in relation to.....	142	metabolism of	506, 695
diagnosis, blood sugar curves in.....	287	mitotic angles, measurement of, in mye- loid leukemia	469
diagnosis, resistance of erythrocytes in..	733	nuclear derivatives in cataract.....	706
growth, athreptic theory of.....	1062	nutritive requirements during growth...	458
Gye's hypothesis of etiology of.....	532, 889	of Leydig, pathology of.....	704
immunization of mice.....	889	physiology	550
in persons under 26 years of age.....	334	Cerebellopontile Angle, acusticus neuro- ma	891
increase in frequency of.....	731	Cerebellum, cysts	507
iodine irritation in production of.....	889	Cerebrosides, histologic demonstration of..	*661
metastases	505, 505, 727, 887	Cerebrospinal Fluid, cell and albumin con- tent of, in cerebral tumor.....	865
of breast,	727, 731, 1066	circulation of,	849
of colon	886	comparative studies of sugar, lactic acid and acid base balance of blood and...	555
of duodenal diverticulum.....	886	differentiation of albuminous substances in	728
of intestines, in adolescents.....	1064	in new-born	510
of kidney, fever with.....	*393	lactic acid content of.....	472, 555
of liver	886, 903	origin of	697
of lung	110, 140, 1061	precipitation with fractions of.....	500
of oviduct	337	protein in	472, 511, 734
of pancreas	892	sugar, comparison of Folin-Wu and new Benedict method for.....	148
of prostate, diffuse vertebral metastasis of	505	xanthochromia of, in new-born.....	460
of stomach with high blood eosinophilia.	506	Cesarean Section, air embolism in.....	710
of suprarenal gland, with virilism.....	728	Chance of cervix.....	120
of thymus	142	Charcot's Disease: See Sclerosis, amy- otrophic lateral	
of thyroid	320, 321, 1061	Chemotherapy and reticulo-endothelial ap- paratus	1055
"organisms," repeated inoculations with.	139	Chloroma of dura mater.....	732
racial and age incidence of.....	*963	Cholera, toxin, production of.....	489
research, gift for, at Ann Arbor.....	1028	toxin, relation of precipitinogens to; and participation in flocculation by specific serums	138
serodiagnosis	334, 335	vaccination, influence of famine regime on formation of antibodies after.....	505
serodiagnosis, flocculation reaction for..	729	vaccination, oral	328
serodiagnosis, Roffo's neutral red serum reaction for	1065	Cholesteatomatous Cysts involving maxilla.	843
spontaneous, in mice, inheritability of...	888	Cholesterol content of cutaneous epithelium	118
tar, variations in resistance to.....	892	metabolism, and hair growth.....	838
transformation of normal cells into malig- nant cells in vitro.....	142	Chorea, Huntington's, with Wilson's syn- drome	709
transplantation, heterologous	326	puerperal	709
transplantation, immunizing power of normal mouse tissues against.....	889	Choriocarcinoma, of uterus complicating pregnancy	728
transplantation, lymphocyte in resistance to	890	Circulatory Diseases, blood calcium and potassium in.....	287
treatment of	733	in asystole	1036
Carbohydrate Metabolism, ability of tissue cells to absorb and fix sugar; its rela- tion to action of insulin and to dia- betes	841	influence of physical work on arterial blood in	287
effect of ligation of hepatic artery on...	455	intracutaneous salt solution wheal test in.	456
fate of sugar in animal body.....	457	Cistern Puncture, technic.....	1070
in chronic pentosuria.....	283	Clonorchiasis, cure by tartar emetic.....	122
in dehydration	101	Clostridium botulinum, growth in veal in- fusion broth	515
in diphtheria	285	botulinum, distribution in soil.....	872
in epidemic encephalitis and paralysis agitans	840	botulinum, toxin-antitoxin flocculation phenomenon	722
transformation of liver glycogen into glu- cose in vitro.....	102	botulinum, toxin, in alimentary tract....	482
under action of insulin.....	285	botulinum, toxin, influences of antitoxin and other serums on	724
Carbon Tetrachloride, effect on acid-base balance of blood.....	472	botulinum, toxin, permeability of small intestine to	483
Cartilage, autotransplantation and homeo- transplantation of	292		
Cataract, nuclear derivatives in.....	706		
Caylor, H. D.: Bilirubin content of gall- bladder bile in cholecystic disease.....	*993		

INDEX TO VOLUME 3

	PAGE		PAGE
<i>Clostridium</i> —Continued		Dewey, K. W.: Rhabdomyoma of tongue..	*645
botulinum, toxin, purification of.....	717	Dextrose, composition of blood and urine	
caloritolerans	716	after ingestion of.....	696
chauvoei, increasing virulence of cultures		effect on tolylenediamine icterus.....	697
of	311	"new-glucose"; "insulin complement" and	
sporogenes, growth in veal infusion broth	515	muscles	456
tetani: See Tetanus, bacillus		tolerance in health.....	105
<i>Coccidioides immitis</i> , skin reactions with..	901	tolerance in patients with vagotonia....	*212
Colds, etiology of.....	537	<i>Diabetes Insipidus</i>	1032
Colitis, amebic	307	<i>Diabetes Mellitus</i> , ability of tissue cells to	
Collodion Membranes, ultrafiltration through	735	absorb and fix sugar in.....	841
Colon, cancer, with schistosomiasis.....	886	acute hemorrhagic pancreatitis with....	1079
diffuse adenocarcinoma of.....	891	antiketogenic influence of insulin in....	696
dilated, simulating pneumothorax.....	1042	etiology of	534
diverticulitis	291	experimental, acidosis in.....	282
peristalsis, centrally conditioned inhibition		insulin resistant	838
of	839	pathology of, in children.....	1039
removal of lining of; selfmutilation.....	1068	recent advances in study of.....	836
Colorimetric Calculations, tables of general		relationship between acromegaly and....	833
application for verifying.....	*227	synthalin in	1047
Complement Fixation Test, nonspecific activation		Dialysis, experiments with cellophane as	
of alcohol soluble antigens of tubercle		sterilizable dialyzable membrane.....	*239
bacillus in.....	494	Diets low in water and in mineral content,	
Conjunctivitis, granular, in laboratory animals		therapeutic use of.....	833
.....	720	Diphtheria, antitoxin, isolation of substances	
Connor, C. L.: Diffuse tumors of leptomeninges;		with immune properties.....	880
two cases in which process was revealed only		antitoxin, precipitation method for evaluation	
by microscope.....	*374	of	885
Constitution, types, in relation to medicine	554	bacillus, virulence testing of.....	1053
Contracture, ischaemic	1038	bacillus, vital phenomena of.....	131
Coracoclavicular Ligament, internal.....	110	carbohydrate metabolism in.....	285
Cornea, epithelial tumors of.....	1064	heart in	913
Corpus Luteum, fibril formation by.....	842	immunization against.136, 328, 328, 329, 331	
Craig, R. G.: Infectious sarcoma ("venereal		toxin, attenuation and antigenic power of	726
granuloma") of vagina in dogs.....	*193	toxin, chemistry of.....	875
Cranium, anomaly	111	toxin, influence on growth of bacteria... 545	
bullet-wound of	1067	toxin, pseudo- and ana-reactions with... 329	
fractures, priority of.....	1068	toxin, suprarenal gland in natural resistance	
hyperostosis of, due to archnoid fibroblastoma		to	455
.....	1072	Diuresis and pituitary extract.....	1031, 1032
Creeping Eruption in Manitoba.....	477	Doctorates in medical sciences conferred	
Cretinism, experimental, in swine.....	1031	by American universities, 1925-1926... 274	
Cushing, H.: Diffuse tumors of leptomeninges;		Ductus Arteriosus, patent, chronic and	
two cases in which process was revealed only		acute arteritis of.....	843
by microscope.....	*374	patent, obstruction of esophagus by.... 466	
Cutis Verticis Gyrate.....	466	Duodenum, cancer, in diverticulum.....	886
Cystadenoma papilliferum hepatis developing		regulation of flow of bile and pancreatic	
from bile ducts.....	506	juice into	834
Cysteine, test for.....	345	ulcer	108, 296, 843
Cysticercus of brain.....	861	Dura Mater, chloroma of.....	732
Cysts: See Echinococcosis; Intestines; Jejunum;		endothelioma of, large hyperostosis of	
Liver; Maxilla; Orbit; Peritoneum; etc.		cranium due to.....	1072
Death, neonatal, clinical and pathological		Dyes, vital, imbibition by intima of aorta.. 114	
study of 1,673 cases of dead births and		Dysentery	*665
.....	1040	bacillus, mutation forms of.....	137
of cells, changes in electrical resistance		bacillus, toxin, chemistry of.....	885
accompanying	520	bacillus, toxin, sensitivity of human skin	
prenatal, sexual difference in.....	548	to	134
sudden, bearing of recent neurologic		carriers in Philippine Islands.....	873
studies on	143	experimental infection and immunization	
sudden, from natural causes.....	342	by mouth	884
Degeneration, colloid, in brain.....	708	Dystrophy, adiposogenital, midbrain in	
fatty, of liver.....	707	pathogenesis of	288
in skeletal muscles, particularly in infectious		Echinococcosis, daughter cyst formation in.	315
diseases	*361	in children	128
Dementia Praecox, blood sugar curve in... 835		Echinococcus fluid, production of specific	
Demodex folliculorum in normal skin of		antibodies by injections of.....	327
axilla	904	Eclampsia, treatment of.....	1030
Dengue	553	Edema	101
Dermacentor Andersoni, filter-passing virus		Electricity, distinct pathological lesion in	
obtained from	308	deaths from	893
transmission of Bartonella bacilliformis		entrance of current in death from..... 895	
by	869	wounds of head from.....	1068
Dermacentroxenus rickettsi, life history of	544	Ella Sachs Plotz Foundation for Advancement	
Dermatitis due to hypersensitiveness to		of Scientific Investigations, third	
Pediculoides ventriosus	495	annual report of.....	272
Detoxication, surface tension as factor in.. 117			

INDEX TO VOLUME 3

	PAGE		PAGE
Embolism, air, in cesarean section.....	710	Epithelium—Continued	
displacement of tissue from central nervous system into.....	339	of urinary bladder, gallbladder and tongue of frog; phagocytosis and movement in vitro.....	840
pulmonary; 73 cases.....	*921	Erysipelas, experimental infection and immunization by mouth.....	884
Embryo heart, allergic responses of.....	541	Erysipeloid among fish handlers, bacillus of swine erysipelas in.....	537
nitrogen metabolism in.....	457	Erythema arthriticum epidemicum etiology of.....	475
tissue extract, action on fibroblasts...283,	283	Erythroblastosis, congenital anemia with... fat giant cells in.....	862
tissue extract, toxicity of; action on blood pressure.....	105	Erythrocytes, diameter.....	1040
Encapsulatus pneumoniae: See Bacillus, Friedländer's		effect of lead and radium on.....	462
Encephalitis, epidemic, etiology of; streptococcus.....	486	reaction of lungs from normal and immunized rabbits to pigeon erythrocytes*608	
epidemic, glia scar in rhombencephalon and diencephalon following.....	861	resistance of, and cancer diagnosis.....	733
epidemic, pathologic anatomy of.....	860	sedimentation, after gastro-intestinal obstruction.....	284
epidemic, postvaccinal.....	131	sedimentation, in tuberculosis.....149,	1053
epidemic, sugar metabolism in.....	840	sedimentation, technique of reaction....	344
epidemic, virus, relations to viruses of poliomyelitis and herpes.....	488	Escherichia coli: See Bacillus coli	
epidemic, virus, streptococci and spore-forming rods cultivated from.....	533	Esophagus, obstruction by persistent ductus arteriosus.....	466
japonica, virus of.....	1056	obstruction, congenital.....	293
relation to herpes.....321, 488, 871, 876,	1053	stenosis, congenital.....	116
Encephalomyelitis following vaccination...327		Exercise, biochemical investigation of urine of Olympic athletes.....	459
Endameba Histolytica, cultivation of...512,	866	effect on blood in circulatory diseases 287, 287	
dysentery.....	*665	Extrapyramidal and pyramidal systems, combined diseases of.....	702
longevity of cysts in vitro.....	476	Extremities, intracutaneous salt solution wheal test in disturbances of circulation in.....	456
pathogenicity of.....	*1009	upper, pathologic alternations of arteries of.....	858
Endocarditis, bacteriologic studies in.....	483	Exudates and Transudates, lactic acid content of.....	1047
healed bacterial.....	353	measurement of acidity in.....	1070
lenta, blood in.....	295	Eye, hereditary defects of, in rabbits, experimentally induced.....	1040
lenta, clinical and bacteriologic experiences with.....	489	melanoma in syphilitic rabbit.....	141
lenta, with defects of septum ventriculorum.....	463	Fallopian Tube, actinomycosis of.....	121
malignant, antibody response after immunotransfusion in.....	498	Ascaris lumbricoides in.....	850
malignant, apparent mutation of streptococci from.....	479	primary carcinoma of.....	337
malignant, due to enterococcus.....	721	mechanism of egg transport in.....	839
malignant, Harmsworth fund for study of.....	829	uterine mucosa in.....	841
Endocrines and primary complex in tuberculosis.....	1055	Fasting, chemical changes in blood during.....	834
Endometrium, aberrant, endometriosis of sac of light inguinal hernia, with pelvic peritoneal endometriosis and endometrial cyst of ovary.....	841	Fat metabolism in lung.....	1043
aberrant growths.....	296	necrosis and fat granuloma.....	1043
aberrant, origin of.....	841	Fatigue, influence on infection.....	313
aberrant, stricture of bowel by.....	464	Feces, culture method in diagnosis of intestinal flagellates in.....	510
experimental neoplasms from autotransplants of.....	1064	lipoids, quantitative relations of.....	117
Endothelioma, dural, hyperostosis of cranium due to.....	1072	technic for bacteriologic study of.....	736
primary, of lung.....	893	technic of examination for amebas and other intestinal protozoa.....*235	
Enterococcus.....	489	Fellowships, in neuropathology.....	97
septicemia and malignant endocarditis from.....	721	medical, of National Research Council 97,	
specific agglutination of.....	503	Mickle, awarded to Dr. and Mrs. Dick..	99
Entomology, medical, needs of.....	552	Femur, osteoclastoma of, with pulmonary metastasis.....	730
Eosinophilia in vermiform appendix.....*821		Fermentation, lactic, limiting factors in...521	
with carcinoma of stomach.....	506	Fetus, sexual difference in prenatal growth and death.....	548
Ependymoma of brain.....	337	Fever, nitrogen loss in.....	288
Epilepsy, blood reaction in.....	1048	thyroid-adrenal apparatus in.....	284
is epilepsy made worse by injuries of head?.....	1067	with renal carcinoma.....*393	
Epiloia.....	851	Fibroblastoma, arachnoid, hyperostosis of cranium due to.....	1072
Epinephrine: See Suprarenals, extract		Fibroblasts, action of mechanical tension upon polarity of.....	109
Epithelioma, histogenesis or stroma of.....1065		action of protein fraction of embryonic tissue extract on.....	283
in persons under 26 years of age.....	334	fundamental properties of.....109, 294	
of cornea.....	1064	growth of, effect of amino acids and embryonic tissue juice on.....	283
Epithelioma Contagiosum: See Fowl-Pox		nutritive requirements of.....458, 710	
Epithelium, cholesterol and phospholipid content of.....	118		
nutritive requirements of.....458, 710			

INDEX TO VOLUME 3

	PAGE		PAGE
Fibrosarcomas of skin of trunk characterized by attenuated dermal surfaces....	887	Goldzieher, M. A.—Continued	
Filarial infection of birds.....	132	Experimental studies on reticulo-endothelial system; response to infection.....*	629
Filters, bacterial.....	735	Structure of infectious splenic swelling..*	42
Food, allergy, acquisition and loss of, in early life.....	320	Gonorrhea, bactericidal property of whole blood of women infected with.....	499
allergy, primary, and shock.....	330	diagnosis of, in women.....	496, 735
allergy, to hen's egg.....	504	Gout, pathologic metabolism of.....	838
poisoning.....	134	Graafian Follicle, atretic.....	848
poisoning in man from meat of hogs intravitally infected with paratyphoid bacillus and Bacillus enteritidis.....	876	fate in human ovary.....	851
Foot and Mouth Disease, recent research on.....	529	Granuloma, coccidioidal.....	719, 901
Fowl-Pox, cytology of.....	1052	fat, and spontaneous fat tissue necrosis.....	1043
virus, relationships to vaccine virus.....	475	inguinale, etiology of.....	477
Frambesia, tertiary lesions of.....	307	venereal, of vagina in dogs.....*	193
Francis, E.: Tularemia; microscopic changes of lesions in man.....*	577	Grinker, R. R.: Microscopic anatomy of infantile amaurotic idiocy with special reference to early cell changes and intracellular lipoids.....*	768
Freezing and thawing, effect on colon bacilli, virus III, vaccine virus, herpes virus, bacteriophage, complement, and trypsin.....	1050	Growth, cyclic, hormone control of.....	555
Fried, B. M.: Origin of histiocytes (macrophages) in lungs; experimental study by use of intratracheal injections of vital stain.....*	751	in thyroid deficiency.....	551
Fungi, culture medium for isolation of... ..	484	prenatal, sexual difference in.....	548
in relation to human pathology.....	553	Guanidine, effect on blood urea nitrogen concentration.....	119
influence of high partial pressure of oxygen on growth of.....	485	Gummas, miliary, in general paralysis....	709
Gallbladder, calculi, pathogenesis of.....	1045	Hair growth, and cholesterol metabolism... ..	838
disease, bilirubin content of gallbladder bile in.....	993	follicles, prevention of pigment formation in, with high voltage X-ray.....	283
disease, origin of.....	1038	Harelip.....	109
tuberculosis of.....	122	Harman, K. E.: Tables of general application for verifying complete colorimetric calculations.....*	227
Ganglionectomy, lumbar sympathetic, physiologic effects and surgical application of.....	156	Haverhill Fever: See Erythema arthriticum epidemicum	
Ganglioneuroma of brain.....	336	Hay-Fever, quantitative study of atopic reaction in.....	325
Gas poisoning, and its determination.....	144	Head, homicidal gunshot wounds of, in unusual localizations.....	339
Gastro-Intestinal Tract, bactericidal mechanism of.....	347	injuries from electrocution.....	1068
obstruction, effect on viscosity of blood, surface tension of serum, sedimentation rate of erythrocytes and chloride content of tissues.....	284	injuries, is epilepsy made worse by?.....	1067
Gaucher's Disease: See Anemia		murder or suicide from bullet wounds of	146
Genito-Urinary Tract infections, 200 gram-negative bacilli from.....	518	Heart, anomalies, cor batriatum triloculare anomalies, defects of septum ventriculorum.....	289
Germicides, drug fastness in relation to resistance of organisms toward.....	485	anomalies, interventricular septal defect with sclerosis and adhesion to tricuspid valve leaflet.....	463
Gettler, A. O.: Alcoholic content of human brain; its relation to intoxication.....*	218	anomalies, situs transversus, anatomy of	907
Quantitative determination of ethyl alcohol in human tissues.....	75	disease, basal metabolic rate in.....	701
Giardia, lamblia, pathogenicity of.....*	1009	disease, elective localization of bacteria in.....	279
Gingivitis marginalis.....	116	dynamics of histogenesis in cardiac repair; rôle played by connective tissue.....	718
Glandular Fever.....	711	embryonic, allergic responses of.....	785
Glioma, diffuse, in meninges.....	732	hormone.....	541
of brain, incidence and calcification in... ..	853	hypertrophy, arteriolar sclerosis and high blood pressure in chronic nephritis.....	304
Glucose: See Dextrose		hypertrophy of right ventricle.....	1040
Glutathione content of animal tissues with reference to tuberculosis.....	303	in diphtheria.....	740
content of normal and of tumor animals.....	1061	perfused, influence of hydrogen ion concentration upon refractory period of..	913
Glycogen, formation, action of insulin in.....	697, 1036	pigment of myocardium.....	281
formation, during absorption of glucose, fructose and galactose.....	457	rhabdomyoma of.....	118
Goiter, exophthalmic, histological changes from administration of iodine.....	848	rheumatic disease of.....	738
exophthalmic, involutional or regressive changes in.....	845	rupture of.....	354, 355, 356
exophthalmic, lymphorrhages in muscles in.....	702	sarcoma of.....	739
in hens.....	299	tuberculosis confined to pleura, pericardium and myocardium.....	338
Goldzieher, M. A.: Experimental studies on reticulo-endothelial system; effect of mercury salts and sulpharsphenamine on reticulo-endothelial cells.....*	635	Heartwater, etiology of.....	354
		Heat production of nerves.....	870
		Hegner, R.: Pathogenicity of human intestinal protozoa.....*	286
		Heister's valves.....	1009
		Hemangio-Endothelioma of liver.....	846
		Hematopoiesis: See Blood	892
		Hematoporphyria congenita..	104, 104, 105, 277
		hematoporphyria.....	471
		Hemochromatosis.....	297
		primary carcinoma of liver and.....	903
		Hemocyanin, transport of oxygen and carbon dioxide in bloods containing.....	472

INDEX TO VOLUME 3

	PAGE		PAGE
Hemoglobin, crystalline iso-electric, preparation of	148	Immunity, antagonism of parasitic infections in immunity period.....	330
distribution following single intravenous injection in rabbits.....	501	appearance of precipitin in previously immunized animals	331
Hemolysin formation and reticulo-endothelial system	1060	diminished resistance following suprarenalectomy in rat.....	277
fractionation of hemolytic amboceptor serum	138	disappearance of injected antigen in blood of normal and immunized animals, respectively	331
Hemolysis, influence of urine on, in complement fixation reaction.....	332	homologous immune serum in microbial dissociation	542
quantitative interdependence of sensitizer and complement in.....	1058	immune reactions in tissue culture; reaction of lungs from normal and immunized rabbits to pigeon erythrocytes...*	608
Hemophilia, blood clotting in.....	455, 1030	in invertebrates	881
blood groups in.....	504	isolation of substances with immune properties	500
passive anaphylaxis in.....	320	oxidation and reduction of immunological substances.....	322, 323, 323, 323, 1058
Hemorrhage, changes in acid-base equilibrium of blood caused by.....	282	para-immunity	885
intracranial, in stillborn, determination without autopsy	470	immunization, action of metallic colloids on active, of undernourished animals.....	885
intrapertitoneal, complicating abortion....	106	antitoxin, intensity and time of stimulation in	136
Heparin inhibition of anaphylactic shock by Hepaticola gastrica, cancer of stomach and wild rat infection with.....	730	peroral and percutaneous.....	137
Hepato-Lenticular Degeneration.....	702	with heated serum of cel.....	726
with Huntington's chorea.....	709	Inanition, effects on stomach and intestines of albino rats underfed from birth for various periods	*26
Heredity in cancer as simple mendelian recessive	888	Infection, acriviolet and mercurochrome in, genetic studies on resistance to.....	535
Hermaphroditism, true	562	incubation time	490
Hernia, inguinal, endometriosis of sac of..	841	influence of fatigue on.....	313
of lower ileum through congenital mesenteric opening, in new-born infant.....	901	parasitic, antagonism of, in immunity period	330
pelvic	851	response of reticulo-endothelial system to...*	629
Herpes, virus of.....	129	Infectious Diseases, degenerative changes in skeletal muscles in.....	*361
virus, relation to encephalitis.....	1053	Inflammation, early reactions in.....	111
virus, relation to virus of poliomyelitis..	488	in leukemia, morphologic features in....	468
virus, streptococci and spore-forming rods cultivated from	533	Influenza, Bacterium pneumosintes in..	713, 870
Herpetomonads, comparative studies of Leishmanias and	479	Injections, intraspinal	849
Histamine, effect on acid-base balance and on protein catabolism	103	Insulin, ability of tissue cells to absorb and fix sugar and its relation to action of..	841
in toxemias of pregnancy.....	277	antiketogenic influence in diabetes mellitus	696
Histiocytes: See Macrophages		constitution of, and lability of sulphur..	473
Hodgkin's Disease: See Lymphogranuloma		diabetes resistant to.....	838
Hookworms, breeding of.....	514	diphasic, action on blood pressure.....	287
Hooper Foundation and research laboratory of National Canners' Association.....	454	effect on blood urea nitrogen concentration	119
Horse Dander, skin reactions and passive transfer of sensitiveness to.....	324	fate of sugar disappearing under action of	285
Hueper, W.: Effect of repeated injections of parathyroid extract on calcification of osteoid tissues.....	*1002	hypoglycemia, effect of dihydroxyacetone on	102
Metastatic calcifications in organs of dog after injections of parathyroid extract. *14		in acidosis of hyperemesis.....	459
Hydatid Cysts: See Echinococcosis		in glycogen formation and its therapeutic application	1036
Hydroa vacciniforme, with hematoporphyria and transudates	104, 105	in normal and cancerous tissues....	891, 1063
Hydrogen Ion Concentration in exudates and transudates	1070	insulin-adrenalin antagonism	459
influence on refractory period of perfused mammalian heart	281	involuntary nervous system in action of..	103
modification of Brown apparatus for determination of	521	mechanism of action of	833
Hygroma, perirenal	296	"new-glucose"; "insulin complement" and muscles	456
Hymen, imperforate	109	recent advances in study of.....	836
Hypernephroma	333	tissue glycogen and.....	697
metastasis, femoral arteriovenous aneurysm from	1043	variability of hormone action.....	838
Hypnotics, pathological effects upon central nervous system	1042	Intestines, absorption and excretion of mineral elements in.....	1035, 1035
Hypophysis: See Pituitary Body		absorption of bile pigment from.....	1030
Icterus: See Jaundice		absorption of calcium and phosphorus in..	456
Icterus Index, rapid clinical method for determination of.....	*409	behavior of putrefactive products of, in blood and urine.....	475
Idiocy, infantile amaurotic, microscopic anatomy of; early cell changes and intracellular lipoids	*768	carcinoma of, in adolescents.....	1064
Mongolian	703	diverticulum, duodenocjejunal	862
		effect of calcium, vitamin, C, vitamin D ratio in diet on permeability to bacteria flora	872, 309

INDEX TO VOLUME 3

Intestines—Continued	PAGE	Koch, E. F.: Eosinophilia in vermiform appendix	PAGE
formation of toxic fluid in isolated duodenojejunal loops	281	Kottmann Reaction, in thyroid dysfunctions	147
gas cysts	302	Laboratories, approved clinical	830
neurofibromatosis	891	Lactacidogen of muscles, effect of insulin on	285
obstruction, acute, in new-born infant from hernia of lower ileum	901	Lactic Acid, in pathologic fluids	1047
obstruction, toxic absorption from intestinal tract in	1033	production from polysaccharides, human blood in	1037
of albino rats underfed from birth for various periods, effects of inanition on	*26	Lactobacillus, acidophilus; bulgaricus: See under Bacillus	
parasite infecting man in Tunis	720	Lead excretion by normal persons	897
parasites, culture method for diagnosis of parasites, pathogenicity of protozoa	*1009	poisoning, new medicolegal problems	509
parasites, protozoan and metazoan	121	LeCount, E. R.: Pygopus twins; history and necropsy report of Bohemian twins, Rosa-Josepha Blazek	*171
parasites, protozoan, technic of examination of feces for	*235	Legal Medicine, arsenic in ash of cremated bodies	1067
peristalsis, effect of soluble toxic substances of Bacillus paratyphosus B on	124	blood spots, diagnosis of, in situ	894
peristalsis in loop of small intestine	695	blood spots, diagnosis of individual from	894
stricture by misplaced endometrial tissue	464	blood tests for paternity	507
Intoxication, relation of alcoholic content of human brain to	218	bromide poisoning, bromine distribution in	896
Iodine, experimental myocarditis from	115	bullet wound of chest; murder or suicide?	340
histological changes in thyroid from administration of	848	bullet wound of head, murder or suicide?	146
irritation with, does not produce cancer	889	changes caused by maggots in dead bodies	146
Iodized Oil, effect on meninges	861	death from overdose of amidopyrine	340
Iris, staining nerve fibers of	897	determination of alcohol in	895, 895
Islands of Langerhans, adenomas of	320	displacement into blood vessels and embolism during life and postmortem of tissue from central nervous system	339
excretory system of pancreas in genesis of influence of thyroid feeding on	103	homicidal gunshot wounds of head in unusual localizations	339
Jacobson, V. C.: Postcaval ureter; report of two cases in man	*203	identification of projectiles	507
Jaffe, H. L.: Suprarenal gland	*414	importance of extra-uterine pregnancy in	341
Jaffé, R. H.: Aleukemic myelosis	*56	is epilepsy made worse by injuries of head?	1067
Histologic studies on fat content of normal human thyroid	*955	morphine poisoning, pathologic anatomy of	508
Jaundice, acholuric, heredity in	104	new medicolegal problems	509
catarrhal, calcium and phosphorus metabolism in	1035	poisoning with noxious gases and its determination	144
hemolytic, tests for hepatic function in	834	postmortem examination of exhumed bodies	343
tolylenediamine, effect of glucose on	697	postmortem examination of new-born infants	341
Jejunostomy, experimental high, with blood chemical studies	836	postmortem hanging in attempt to hide murder	341
Jejunum, mesenteric cyst of	348	priority of cranial fractures	1068
Joints, transplantation of bone into	845	psychiatric examination of prisoners in Massachusetts	733
Kahn Test	878	relation of status lymphaticus to	342
appearance of precipitate and potency of serum in	540	removal of colon lining; selfmutilation	1068
micro reactions	898	sudden death from natural causes	342
standardization of antigen for	539	suicidal stab wound of back	1068
Kala Azar: See Leishmaniasis		transfixion of medulla oblongata by darning needle	338
Kidney and stomach as excretory competitors	839	veronal poisoning	893, 1069
cancer, fever with	*393	Leishmanias, comparative studies of herpetomonads and	479
effect of continued polyuria upon	1036	cultures, resistance to cold	487
effect of roentgen rays on protoplasmic structure during so-called "latent" period	856	Leishmaniasis, experimental transmission to man by Phlebotomus	316
excretion of uric acid by	286	in children in Madrid	488
function, effect of high protein diet on	1035	serological studies on	487
function, effect of mucic acid on	103	Lens Protein, distribution following single intravenous injection in rabbits	501
function, indigo-carmin test	149	Leprosy, bacilli, effect of hydrogen ion concentration on	875
function, unitary nature of impairment of	102	bacilli, in sweat apparatus	905
infection, paths of	1052	blood serum globulin in	863
lipoid nephrosis	278, 699, 857	Leukemia, acute	300
malformations	738	aleukemic myelosis	*56, 112, 469
tuberculosis, in pulmonary tuberculosis	461	amino nitrogen in deproteinized blood in	304
tubule, deposition of dyes, iron and urea in; glomerular elimination	1038	iso-agglutinins in	504
tumors	336, 337	morphologic features in inflammation in	468
tumors, in young children	*1	myeloid; histologic study of	469
tumors, perirenal hygroma	296		
Knee-Joint, resection, growth disturbances following	102		

INDEX TO VOLUME 3

	PAGE		PAGE
Leukocytes, count, influence of vasomotor state of peripheral blood vessels on....	458	Lungs—Continued	
diapedesis, intragastric	1031	metastasis of osteoclastoma in.....	730
disintegration, peroxidases in serum in..	303	origin of histiocytes in.....*	751
epinephrine leukocytosis; mechanism of its origin	1044	parasitic nodules resembling tuberculosis in, of swine.....	1071
large mononuclear and transitional.....	849	pneumococcal infections of.....	874
toxic alternation of, in tuberculosis.....	1056	primary endothelioma of.....	893
Lewis, J. H.: New glass chamber for Schultz-Dale uterine strip method....*	237	roentgenography, correlation with pulmonary lesions	154
Lewis, W. B.: Glucose tolerance in patients with vagotonia	212	sypilis, latent	110
Light, effects on blood and blood pressure..	850	Lymph formation	696
effects on normal rabbits.....	699	influence of pancreatic hormone upon....	841
Lipiodol, effect on meninges.....	861	lymphorrhages in muscles in exophthalmic goiter	702
Lipoids, anaphylaxis tests with.....	329	Lymph Nodes, bronchial, topography of....	855
antibodies against; their relation to Wassermann reaction	504	epidemic disease of, in guinea-pigs, due to hemolytic streptococcus.....	873
fecal, quantitative relations of.....	117	systemic primary spindle-cell sarcoma of tuberculosis of, axillary.....	731
Forssman's, antigenic functions of.....	503	tuberculosis of, in venous angles.....	877
in anaphylaxis	503	Lymphadenopathy, follicular, with splenomegaly; newly recognized disease of lymphatic system	*816
in upper respiratory mucosa.....	857	Lymphangioma of orbit.....	559
intracellular, in infantile amaurotic idiocy	*768	Lymphatic System, pneumatic cysts of....	853
nephrosis.....	278, 699, 857	regeneration of	847
of normal human thyroid, histologic studies on	*955	Lymphocyte in resistance to tissue grafting, malignant disease, and tuberculous infection	890
phosphatid, in cutaneous epithelium of man	118	Lymphogranuloma in liver.....	1080
phosphatid, of liver.....	119	pseudoleukemia, lymphosarcoma, lymphogranuloma and their various relationships	468
Lipoma of broad ligament.....	332	Lymphosarcoma	1060
of stomach	331	pseudoleukemia, lymphosarcoma, lymphogranuloma and their various relationships	468
of uterus	732	McCartney, J. S., Jr.: Pulmonary embolism; report of 73 cases.....*	921
Lipomatosis atrophicans	1037	McCrackan, R. F.: Tables of general application for verifying complete colorimetric calculations	227
syndactylia with	299	Macrophages, fundamental properties of..	109, 294
Liver, accessory, with cirrhotic changes....	855	origin of histiocytes in lungs; experimental study by use of intratracheal injections of vital stain.....*	751
amylase, and blood sugar.....	1045	Maggots, changes caused in dead bodies by..	146
as site of bilirubin formation.....	100	Malaria, avian, modification by changing blood sugar	306
cancer, in case of portal cirrhosis.....	886	pathologic anatomic changes in.....	705
cancer, and hemochromatosis.....	903	Manoilow Reaction.....	*865, 894
congenital cystic	706	Maxilla, cholesteatomatous cysts of.....	843
cystadenoma papilliferum developing from bile ducts	506	Measles, Dick test in.....	136
disease, sodium sulphate solution in....	105	Meconium, bacteria in.....	547
fatty degeneration of, experimental	707	Mediastinum, "oat-celled sarcoma" of....	729
function tests, color diagnostic signs.....	840	tumor of	907
function tests, fate of intravenously injected tetraiodophenolphthalein	106	Medulla Oblongata, transfixion by darning needle	338
function tests, in diseases of hematopoietic system	834	Melanoderma, fatty metamorphosis of two suprarenal capsules with.....	854
function tests, in massive hepatic trauma..	1032	Melanoma in spinal cord.....	506
glycogen, transformation into glucose in vitro	102	Melanosarcoma in negro.....	151
hemangio-endothelioma of	892	of eye in syphilitic rabbit.....	141
Hodgkin's granuloma in.....	1080	Meninges, diffuse sarcomatosis and gliomatosis in	732
phosphatid lipoids of.....	119	diffuse tumors of leptomeninges; two cases in which process was revealed only by microscope	*374
pigment of	118	effect of iodized oil on.....	861
removal of, effect on deaminization.....	455	hemorrhage, subarachnoid	708
reticulo-endothelial cells of, effect of mercury salts and sulpharsphenamine on..*	635	optic, relation to cysts of orbit.....	559
tuberculosis, histogenesis of.....	467	permeability of	697
Lungs, abscess, experimental.....	867, 1048	vascular tuberculosis of pia-arachnoid...*	707
actinomycosis of	866	Meningitis, torula	476
activity greatest at apex and least at base	278	Meningococcus, antisera, potency, polyvalency and therapeutic action of....	120
anastomosing bronchi in.....*	161	atypical strain of	135
aspergillosis of	129, 477	type division of.....	491
autopsy methods for topographic representation of changes in.....	705		
cancer, diagnosis of	140		
cancer, diffuse	1061		
cancer, solitary	110		
fat metabolism in.....	1043		
from normal and immunized rabbits, reaction to pigeon erythrocytes	*608		
influence of inhalation of coal dust on formation of connective tissue in.....	861		

INDEX TO VOLUME 3

	PAGE		PAGE
Menthol, synthetic	1047	Narcosis, calcium-magnesium ratio in blood in	119
Mercuric Chloride, effect on reticulo-endothelial cells	*635	Nasopharynx, anaerobic micro-organisms in	516
poisoning, blood changes in	474	bacteriology, in common cold	537
poisoning, exsanguination-transfusion in treatment of	457	bacteriology, in influenza	713
Mercurochrome as biliary antiseptic	310	Negroes, vital capacity of	835
intravenous use in bacterial infections	714	Nephritis, acute, in children	280
Mesentery, cyst of jejunum	348	association of arteriolar sclerosis with high blood pressure and cardiac hypertrophy in	1040
Metabolism, basal, and specific dynamic action, hypophysectomy and replacement therapy in relation to	835	experimental, excretion of water, urea and chlorides in	837
basal, following bilateral oophorectomy ..	277	experimental, from uric acid	465
basal, in chronic cardiac disease and in hypertension	279	experimental, glomerular, from Streptococcus scarlatinae	701
basal, of normal young man as affected by tropical residence	832	inorganic constituents of blood serum in ..	117
gas, changes in, with abnormal blood reactions	866	serum albumin, globulin and fibrinogen in blood plasma in	710
gas, clinical significance of determination of	514	urinary chlorine and bases in	1046
Metallic salts in therapy	490	Nerve, heat production of	286
Methemoglobin, so-called oxygen content of ..	473	phrenic, resection of, with ligation of pulmonary artery of one lung	847
Midbrain in pathogenesis of adiposogenital dystrophy	288	Renaut's nodules of	115
Mikulicz's Disease, aleukemic myelosis with clinical picture of	112, 469	tumors, pigmented nevi as	730
Milk, Brucella abortus and Mycobacterium tuberculosis in	313	vagus, effect of afferent stimulation of ..	698
calculation of lactose in	511, 735	vagus, effect on pancreatic secretion	697
of syphilitic lying-in women	883	vagus, glucose tolerance in patients with vagotonia	*212
Wassermann and flocculation reactions in ..	331	Nervous System, central, effect of hypnotic drugs on	1042
Miller, A. M.: Dynamics of histogenesis in cardiac repair; rôle played by connective tissue	*785	central, effect of roentgen rays on	707
Miller, S. P.: Effects of inanition on stomach and intestines of albino rats underfed from birth for various periods	*26	central, pressure on, in its relation to hyperglycemia	834
Miller, W. S.: Anastomosing bronchi in human lung	*161	involuntary, in insulin action	103
Mitral Valve, stenosis, free ball thrombus with	461	Neurinoma, acusticus	891
Monilia, new species; pathogenic for man ..	486	Neuroblastoma, malignant	1061
Mononucleosis, disease of rabbits characterized by; caused by Bacterium monocytogenes	486	Neurofibromatosis, gastro-intestinal	891
infectious	711	heredity of	106
Monsters, anteromedian mero-acrania (nosencephalos), combined with hypogastroschisis dextra and malformation of fingers and toes	*400	Recklinghausen's disease	1064
janiceps asymmetros	460	Neuroglia and third element of central nervous system	707
pygopagus twins; history and necropsy report of Bohemian twins, Rosa Josepha Blazek	*171	Neurosyphilis, pathology and pathogenesis of	709
Moon, V. H.: Atheromatous degeneration of arterial wall; result of hydrodynamic mechanism	*404	Nevi, pigmented, are nerve tumors	730
Morphine poisoning, pathologic anatomy of ..	508	Nicholson, D.: Fever with renal carcinoma ..	*393
Mucic Acid, effect on renal function	103	Nielsen, J. M.: Glucose tolerance in patients with vagotonia	*212
Muscles, oxygen consumption in arthritic atrophy	104	Nipple, sebaceous glands in	460
skeletal, degenerative changes in, particularly in infectious diseases	*361	Nitrogen, loss in fever	288
tissue, "insulin complement" and "new-glucose"	456	metabolism, in chick embryo	457
voluntary, rhabdomyoma of	337	Nose, hemorrhagic infarction of	706
Mycosis, experimental, complement fixation in	329	Novak, E.: Infectious sarcoma ("venereal granuloma") of vagina in dogs	*193
Myeloma, endothelial	333		
Myelosis, aleukemic: See Leukemia		Obesity, gas exchange determination in ...	514
Myocarditis caused by epinephrine hydrochloride and caffeine in rabbit, effect of lowering blood pressure on	*658	OBITUARIES:	
experimental, from iodine	115	Babes, Victor	454
Myositis, circumscribed traumatic ossifying ..	299	Dolley, David Hough	1028
Myxedema, experimental, in swine	1031	Eberth, Karl	99
		Elliott, Chester	454
		Kirk, Edwin Garvey	829
		Krompecher, Edmund	271
		Smith, Erwin F.	1029
		Strangeways, Thomas S. Pigg	693
		Ochronosis	297
		Oidium albicans, mycelial production by ...	714
		Orange Juice, irradiated, as antirachitic agent	102
		Orbit, relation of optic meninges to cysts of ..	559
		Organ weights in normal rabbits, effects of light on	699
		Oriental Sore: See Leishmaniasis	
		Oroya Fever, etiology of ...	307, 713, 869, 1050
		Osteitis deformans	1077
		fibrosa,	467, 862
		Osteomyelitis variolosa	294

INDEX TO VOLUME 3

	PAGE		PAGE
Ovary, actinomycosis of.....	121	Pericardium, diverticuli, etiology of.....	296
atretic follicles in; origin of interstitial cells.....	848	tamponing, mechanism of death from....	286
excision, basal metabolism and blood chemistry following.....	277	Peritoneum, foreign body cysts simulating parasitic cysts of.....	293
fate of graafian follicle in.....	851	influence of anaphylactic shock on fluid in	141
hormone.....	119, 472	Peritonitis, experimental.....	461
hormone, control of cyclic growth by....	555	Perkins, O. C.: Dynamics of histogenesis in cardiac repair; rôle played by connective tissue.....	*785
hormone, genital growth and sexual precocity.....	1037	Perspiration, insensible.....	100, 105
hormone, interruption of pregnancy in rat by injection of.....	456	Phagocytosis and movement of epithelium of urinary bladder, gallbladder and tongue of frog in vitro.....	840
Ovum, mechanism of transport in fallopian tubes of rabbit.....	839	modification after splenectomy.....	295
Oxford University, Sir William Dunn School for Pathology.....	1028	theory of.....	723
Oxidation and reduction of immunological substances.....	1058	Pharyngo-Hypophyseal Tract, tumors of....	141
Ozena, <i>Bacillus ozaenae foetidae</i> , Perez and <i>Bacillus proteus</i> in.....	476	Phlebotomus, experimental transmission of oriental sore to man by.....	316
Pachymeningitis externa.....	846	Phosphatase, function in bone-formation....	303
hemorrhagic, in infants.....	854	Phosphate metabolism during anesthesia....	282
Page's Disease: See Osteitis deformans		Phosphatides, histologic demonstration of..	*661
Pancreas, excretory system of, in genesis of Langerhans islands.....	467	Phosphorus metabolism.....	1035, 1035
hormone, in blood, effect of vagus nerve on.....	697	Pia Mater, endotheliomatous infiltration of.	733
hormone, influences upon lymph.....	841	Pigment and lipoids in upper respiratory mucosa.....	857
mucous cell carcinoma of.....	892	degenerative changes in skeletal muscles, particularly in infectious diseases.....	*361
secretion, regulation of flow into duodenum.....	834	of liver and myocardium.....	118
Pancreatitis, acute hemorrhagic, in diabetic child.....	1079	Pigmentation, of corium, and color of skin.*	*938
Papilledema, experimental, influence of decompression operation on.....	845	Pituitary Body, removal, and replacement therapy in relation to basal metabolism and specific dynamic action in rat.....	835
Paralysis, agitans, pathology of.....	844	removal, disabilities caused by; their repair.....	1033
agitans, sugar metabolism in.....	840	removal, effect of.....	106
general, microscopic changes of.....	708	tumors of pharyngo-hypophyseal tract....	141
general, miliary gummas in.....	709	Pituitary Extract and diuresis.....	1031, 1032
general, pathology and pathogenesis of..	709	Placenta, extracts, hypersensitiveness following injections of.....	140
Parathyroid, adenoma of.....	352	hormone, control of cyclic growth by....	555
extract, effect of repeated injections on calcification of osteoid tissues.....	*1002	Plague, rodent, experimental.....	867
extract, effect on serum calcium.....	118	rodent, selective mediums in diagnosis of.	717
extract, metastatic calcifications in organs of dog after injections of.....	*14	Plants, characteristics of virus diseases of.	530
hemorrhage into, and spasmophilia problem.....	470	Plaut, A.: Relation between histologic picture and prognosis of tumors.....	*240
Parathyroidectomy, partial, in irradiated and normal rabbits.....	1034	Pleura, adhesions, pathology of.....	294
phosphate and calcium in muscle after....	1048	Pneumococcus, bacterial allergy with.....	535
Parasitology, expedition to Central America for research in.....	271	carriers.....	120
Passamanek, E.: Tables of general application for verifying complete colorimetric calculations.....	*227	colony.....	1081
Pasteur, a chemist's homage to the work of a biologist.....	1059	hemotoxin, oxidation and reduction of... 322	
Pasteurella, muricida, disease in wild rats caused by.....	718	immunity, experimental.....	325, 495, 495, 884
pestis, selective mediums for.....	717	infection, experimental.....	868, 874, 884
Paternity, blood tests for.....	507	relationship between streptococci and....	1049
Pearl, R.: Biometrical studies in pathology; racial and age incidence of cancer and other malignant tumors.....	*963	type, serologic.....	132
Peck, S. M.: Experimental studies on reticulo-endothelial system; effect of mercury salts and sulpharsphenamine on reticulo-endothelial cells.....	*635	type I, failure of mouse test to demonstrate presence in sputum.....	539
Experimental studies on reticulo-endothelial system; response to infection....	*629	type II, specific polysaccharide of.....	1045
Pellagra, etiology of.....	284	types, in pneumonia.....	321, 1081
microscopic changes in.....	133	Pneumoconiosis, relation to tuberculosis....	1043
neurohistopathology of.....	709	Pneumonia, blood in.....	113, 470
Periarteritis nodosa.....	116, 1045	caseous, vascular changes in.....	297
nodosa, polyarteritis.....	464	correlation with rabbit snuffles.....	125
		epidemiology of.....	120, 536
		experimental.....	874
		host susceptibility and pneumococcus types in.....	1081
		of children, incidence of pneumococcus types in.....	312
		Pneumothorax, dilated colon simulating....	1042
		Poisoned Arrows, pathogenic anaerobes from.....	515
		Poisoning, with noxious gases and its determination.....	144

INDEX TO VOLUME 3

	PAGE
Poisons, influence on function of isolated suprarenal gland	840
Poliomyelitis, experimental immunization in postvaccinal	534
precipitin reaction in	131
skin reaction in	498
virus, relations to viruses of epidemic encephalitis and herpes	497
Pollen immune serum	488
Polyarteritis: See Periarteritis	880
Pons Varolii, hemorrhage	464, 844, 849
Porphyria: See Hematoporphyria	
Precipitin, production of	346
reaction, Abderhalden principle and its demonstration by	883
reaction, and cuti-reaction	139, 331, 331, 886
reaction, in poliomyelitis	498
reaction, in scarlatinal streptococcus infections	500
reaction, of extracts of various animal parasites	724
reaction, optimal proportions of antigen and antibody in	725
reaction, with fractions of syphilitic serum and arachnoid fluid	500
Pregnancy, blood in	303, 698
choriocarcinoma of uterus complicating	728
extra-uterine, biomechanism and pathology of	460
extra-uterine, importance in legal medicine	341
hyperemesis	109
hyperemesis, insulin in acidosis of	459
plasma protein fractions in	863
production of uterine hypertrophy by serum of pregnant	839
sugar tolerance tests in diagnosis of	147
toxemias, can histamine be regarded as etiologic factor?	277
toxemias, classification of	100
toxemias, lactic acid in	281
Pribam, E.: Anteromedian micro-acrania (nosencephalos), combined with hypogastroschisis dextra and malformation of fingers and toes; report of case	400
Prisoners, psychiatric examination of	733
Prizes, Theobald Smith receives first Trudeau Medal	97
William Wood Gerhard Gold Medal awarded	694
Projectiles, identification of	507
Prostate, cancer, vertebral metastasis of	505
sarcoma, in infant of 9 months	891
Protein, catabolism, effect of histamine on	103
effect of diet high in, on renal function	1035
effect on acidity of fasting stomach	832
Hahn's quantitative method for determining	513
minimal consumption in acromegaly	838
Protozoa, in biliary tract	351
intestinal	121, *235, *1009
transmission of	128
Prurigo, Hebra's, dermatosis due to ascariasis resembling	882
Pseudoleukemia, lymphosarcoma, lymphogranuloma and their various relationships	468
Pseudotuberculosis aspergillina	1055
Pseudotumor Spinalis	850
Puerperium, blood changes in	698
Purpura, Henoch's	912
Pyelonephritis, specific infectious, of cows	308
Pygopus twins; history and necropsy report of Bohemian twins, Rosa-Josepha Blazek	171
Pylorus, congenital stenosis of	116

	PAGE
Pyramidal and extrapyramidal systems, combined diseases of	702
Queen's University, Kingston, Canada, Richardson Pathological Laboratory of	454
Rabies, complement fixation in	501, 503
Radium, action of, in field of biology	1054
Ragweed extract, effect of heat and hydrogen ion concentrations on	134
Ramisetomy, physiologic effects and surgical application of	156
Rat-Bite Fever, experimental	307
von Recklinghausen's Disease: See Neurofibromatosis; Osteitis fibrosa	
Recurrent fever, experimental	489, 490, 876, 876
experimental, Rieckenberg's reaction in	502
hematopoiesis in	298
Renaut's Nodules of nerves	115
Research, cancer, gift for, at Ann Arbor	1028
Harmsworth fund for study of ulcerative endocarditis	829
in progress at University of Minnesota	97
parasitological, expedition to Central America for	271
Simpson Institute for Medical Research at Ann Arbor	829
third annual report of Ella Sachs Plotz Foundation for Advancement of Scientific Investigation	272
Wellcome Bureau of Scientific Research, London, reopened	830
Respiration, regulation and disturbances of	288
Respiratory Tract, bacteriology, in common cold	537
mucosa, lipoids and pigment in	857
Reticulo-Endothelial System and hemolysin formation	1060
early local and general changes in tarred animals	1063
effect of collargol on	491
effect of foreign particles on; and anemia	465
effect of mercury salts and sulpharsphenamine on cells of	*635
experimental studies on response to infection	*629
hyperplasia	298
in immunity	322
in regulation of number of platelets in circulation	1041
in tuberculin hypersensitiveness	493
relation to therapeutic effect	1055
role of reticulum in	855
structure of infectious splenic swelling	*42
Rhabdomyoma of heart	738
of tongue	*645
of voluntary musculature	337
Rheumatic Fever, blood vessels in	107, 356
heart in	355
pathology of	285
pulmonary artery in	354
Rhinoscleroma, complement-fixation in	137
Rickets, calcium and phosphorus metabolism in	1035
irradiated orange juice in	102
Rickettsia ruminantium, multiplication and discharge into circulation in heart-water	870
Rieckenberg's Reaction in experimental recurrent fever	502
Riedel's Struma: See Thyroid	
Rocky Mountain Spotted Fever; blood virus causative agent of	544
in Colorado	481
Roentgen Rays, effect on brain	113
effect on central nervous system	707

INDEX TO VOLUME 3

	PAGE		PAGE
Roentgen Rays—Continued		Septicemia, hemorrhagic, in wild rats caused by <i>Pasteurella muricida</i>	718
effect on protoplasmic structure during so-called "latent" period.....	856	Serles, E. R.: Convenient apparatus for blood counting	*828
germicidal effects of.....	490	Serum: See also Blood	
high voltage, prevention of pigment formation in hair follicles with.....	283	anaphylatoxic properties in.....	330
skin changes after irradiation with.....	114	differentiation as to sex by anaphylactic tests on sensitized guinea-pigs.....	1058
Rohdenburg, G. L.: So-called chronic appendicitis	*947	surface tension of, after gastro-intestinal obstruction	284
Rossides, T. N.: Use of calcium chloride in formation of experimental staphylococcus abscesses	*1008	surface tension of, in nephritis.....	1046
Sachs-Georgi Reaction, immunological nature of principle in serum responsible for..	324	toxicity of, for guinea-pig.....	1058
Salt Solution wheal test, in disturbances of circulation in extremities.....	456	Sex, determination, by Monoilow's reaction	865, 894
Saponin Poisoning, myeloid heterotopia in.	294	differentiation of human serum as to sex by anaphylactic tests on sensitized guinea-pigs	1058
Sarcoma: See also Cancer; Tumors; and under names of sarcomas		Shapiro, S.: Histologic demonstration of phosphatides and cerebrosidcs.....	*661
diffuse, in meninges.....	732	Sigma Reaction of Dreyer-Ward; changes in method	504
generalized, in hen.....	338	Skin, color of, and corium pigmentation..	*938
infectious, of vagina in dogs.....	*193	effect of roentgen rays on.....	114
myeloid, of femur, with pulmonary metastasis	730	fibrosarcomatous tumors of.....	887
"oat-celled," of mediastinum.....	729	grafts, factors determining reaction of..	864
of heart	338	mineral content of.....	118
of kidney, in young children.....	*1	reaction, relation to precipitin reaction..	139, 331, 386
of prostate in infant of 9 months.....	891	Smallpox: See also Vaccinia Virus	
of sparrow	1066	blood in	462
spindle cell, of corvina.....	336	Guarnieri bodies	306, 875
spindle cell, of lymph glands.....	335	vaccination, action of ultraviolet rays in.	720
Rous, activation of filtrates of, by agent in broth cultures of Jensen's rat sarcoma	1063	vaccination, encephalitis and poliomyelitis from	131
Rous, explants of.....	336, 732	vaccination, encephalomyelitis from.....	327
Rous, so-called "specific factor" (Gye) of	532, 889	Snuffles, in rabbit, anatomic study of.....	125
Rous, susceptibility of infective agent of, to ultraviolet rays.....	1063	prophylaxis and treatment of.....	717
Scalp, metastases of mammary carcinoma in	727	Soaps, effect of pH on germicidal action of.	1050
Scarlet Fever: See also Streptococcus		SOCIETY TRANSACTIONS:	
antitoxin, in blood of convalescents....	135	American Association for Advancement of Science, Section N (Medical Sciences) 548	
antitoxin, postscarlatinal immunity in patients treated with.....	1049	American Association of Pathologists and Bacteriologists; special report.....	1082
antitoxin, Streptococcus scarlatinae infections in persons immunized with.....	1049	American Society of Parasitologists; report	567
classification of streptococci from.....	323, 493	Chicago Pathological Society.....	347, 900, 1071
Dick test in	318, 493	Colorado Society of Clinical Pathologists.	150
etiology of	502	Minnesota Pathological Society.....	156, 739, 911
experimental	131, 319, 719	New York Pathological Society.....	555
pathology of	132	Pathological Society of Philadelphia....	151, 352, 737, 904, 1079
precipitin reaction in.....	500	Society of American Bacteriologists, Section on Comparative Pathology and Immunology	532
relation of specific toxemia of, to course of disease	1049	Society of American Bacteriologists, Section on General Bacteriology.....	515
Streptococcus scarlatinae in throat of convalescents	1048	Sodium Chloride metabolism in cutaneous burns	835
toxin in blood of patients with.....	1049	Spasmophilia, hemorrhage into parathyroids in pathogenesis of.....	470
vaccination	318	Spermatogenesis after displacement of testes after injection of testis material.....	831
Schistosomiasis, cancer of colon with.....	886	after ligation of vasa efferentia in rats.	832
pathologic-anatomic changes in.....	467	after scrotal replacement of experimental cryptorchid testes.....	279
Schultz-Dale uterine strip method, new glass chamber for	*237	in cryptorchid testes.....	831
Schwentker, F. F.: Preservation of blood for chemical analysis.....	*410	Spermatozoa, group specific substances....	880
Sclera, blue, and brittle bones.....	846	Spider Poisoning	123
Sclerosis, amyotrophic lateral, pathologic changes of senile type in.....	844	Spinal Cord, abscess of.....	293, 702
Scrotum, function of.....	831	abscesses and inflammatory tumors in epidural space.....	846
Scurvy, experimental, virulence of acid-fast saprophytes in	1056	primary melanoma in.....	506
Sebaceous Glands in human nipple.....	460	regeneration in	299
Seegal, B. C.: Spontaneous bone and marrow formation in aorta of rabbit.....	*73	Spine, metastasis of prostatic carcinoma in.	505
Seegal, D.: Spontaneous bone and marrow formation in aorta of rabbit.....	*73	Spirochaeta, behavior in skin of normal and immunized animals	489
Semen, individuality of, in inhibiting specifically isohemagglutination.....	879	from tuberculous hemoptysis.....	316
		special affinity for nervous system.....	490

INDEX TO VOLUME 3

	PAGE		PAGE
Spleen, bacteriolysin in experimental cultures of	137	Streptococcus—Continued	
lobule	565	hemolytic, epidemic lymphadenitis with abscess due to.....	873
miliary tubercles in.....	298	hemolytic, serological classification of.....	493
reticulo-endothelial cells of, effect of mercury salts and sulpharsphenamine on.....	*635	in etiology of epidemic encephalitis.....	486
structure of infectious swelling of.....	*42	lysin, oxidation and reduction of.....	323
vascular mechanism of.....	461	relationship between pneumococci and.....	1049
Splenectomy, modification of phagocytic process and of staining properties after	295	scarlatinae, epidemiology of throat infections sine exanthemate.....	868
Splenomegaly, follicular lymphadenopathy with; newly recognized disease of lymphatic system	*816	scarlatinae, experimental glomerulonephritis from	701
Sprue in Georgia (Caucasus).....	316	skin response of rabbits to.....	321, 322
Sputum, diagnostic and prognostic significance of cytologic examinations of....	861	tissue digesting enzyme (histase) of.....	869
Stain, vital, experimental study of origin of histiocytes (macrophages) in lungs by use of intratracheal injections of.....	*751	toxicogenic properties of.....	545
vital, imbibition by aorta.....	114	Streptothrix infection	133
Staining, histologic demonstration of phosphatides and cerebroside.....	*661	Strong, R. M.: Color of skin and corium pigmentation	*938
of elastic fibers.....	898	Strongyloides intestinalis infection.....	873
of nerve fibers of iris.....	897	Submaxillary Glands, filterable virus in.....	870
Staphylococcus, bacteriophage, in antrum infections	718	Sugar Metabolism: See Carbohydrate Metabolism	
calcium chloride in formation of experimental abscesses	*1008	Sulpharsphenamine, effect on reticulo-endothelial cells	*635
Status lymphaticus, relation to legal medicine	342	Suprarenals	*414
thymicolymphaticus, blood sugar in.....	302	acute hemorrhagic inflammation of.....	909
thymicolymphaticus, relation of growth of thymus to	739	amyloidosis of, as cause of Addison's disease	843
Stenström, B.: Degenerative changes in skeletal muscles, particularly in infectious diseases	*361	cancer, with virilism.....	728
Still-Births, study of 1,673 cases of neonatal deaths and.....	1040	excision, diminished resistance following; protection afforded by autoplasmic transplants	277
Stomach, achylia, in pernicious anemia....	476	excision, effect on active anaphylactic shock	135
acidity, effect of protein intake on.....	832	extract, bactericidal action of serum following injections of.....	494
analysis, new method of.....	1069	extract, effect of lowering blood pressure on myocarditis caused by caffeine and, in rabbit	*658
analysis, with histamine.....	1069	extract, insulin-adrenalin antagonism....	459
cancer, and wild rat infection with <i>Hepaticola gastrica</i>	730	extract, leukocytosis from, and mechanism of its origin.....	1044
cancer, with high blood eosinophilia.....	506	fatty metamorphosis of, with melanoderma	854
contents, determination of <i>pH</i> of.....	345	in Addison's disease.....	862
kidney and, as excretory competitors....	839	in fever and infections.....	284
leukopendesis	1031	in natural resistance to diphtheria toxin.....	455
lipoma of	331	influence of certain poisons on function of	840
mucosa, in development of ulcers.....	471	malignant tumors of, in children.....	1063
mucosa, in pulmonary tuberculosis.....	1043	secretion by, influence of burns on.....	455
of albino rats underfed from birth for various periods, effects of inanition on	*26	Surface tension as factor in detoxication..	117
secretion, hydrochloric acid-free, bactericidal action of.....	875	of blood serum.....	284, 1046
ulcer	108, 296, 843	Sweat, chemical analysis of.....	864
ulcer, blood sugar curves in.....	287	glands, <i>Bacillus leprae</i> in.....	905
ulcer, experimental production by local anaphylaxis	321	Swine Erysipelas, bacillus of, causing form of erysipeloid	537
ulcer, mucous membrane in development of	471	Symbiosis	123
Streptococcus: See also Scarlet Fever		gas production by.....	482
antigenic relationships between strains of scarlatinal and erysipelas groups.....	712	Symmers, D.: Follicular lymphadenopathy with splenomegaly; newly recognized disease of lymphatic system.....	*816
apparent mutation of	479	Syndactylia with localized lipomatosis.....	299
bacteriophage, and variation in colony formation	544	Synovial Fluid, distribution of chloride and protein between plasma and.....	1046
bacteriophage in infections with.....	480, 544	Synthalin, synthetic substance with insulin-like action	1047
experimental infection and immunization.....	884	Syphilis, experimental, effects of hot baths on	151
focallis, specific agglutination of.....	503	melanoma of eye in.....	141
from scarlatina, erysipelas and puerperal fever	873	milk of lying-in women with.....	883
from so-called herpetic and encephalitis viruses	533	milk, Wassermann and flocculation reactions in	331
green, differences in peroxide production and methemoglobin formation of.....	480	precipitation with fractions of arachnoid fluid	500
		pulmonary, latent	110
		reinfection and immunity.....	330
		serodiagnosis: See also Kahn Test; Sachs-Georgi Reaction; Sigma Reaction; Wassermann Reaction	

INDEX TO VOLUME 3

	PAGE		PAGE
Syphilis—Continued		Thyroid—Continued	
serodiagnosis, postmortem	501	tumors, primary spontaneous, in mice and in a rat.....	1061
serodiagnosis, precipitation with fractions of serum	500	Tiber, A.: Alcoholic content of human brain; its relation to intoxication.....	*218
serodiagnosis, 2,800 microscopic slide precipitation tests for.....	896	Quantitative determination of ethyl alcohol in human tissues.....	* 75
treatment, effect on Wassermann reactions	880	Tissue, adipose, microchemical reactions of, of fetuses and infants.....	866
Tabes Dorsalis, amyotrophic spinal syphilis.	856	chloride content, after gastro-intestinal obstruction	284
pathogenesis of	704	connective, in cardiac repair.....	*785
psychoses of	708	culture; immune reactions in.....	*608
Tapeworm, infestation by.....	477	culture, vital activity of.....	288
Teeth, infection, bacteriology of.....	311	grafting, lymphocyte in resistance to... living mammalian, relative reaction within	864, 864, 1033, 1033
histological examination for determining antiscorbutic value of foodstuff.....	1042	quantitative determination of ethyl alcohol in	* 75
pigmentation, in hematuria.....	104, 104	Tongue, rhabdomyoma of.....	*645
Telangiectasia, generalized	462	Torula meningitis	476
Teratoma, genesis of fetal inclusions.....	295	Toxicology, studies in toxicologic chemistry	898
of brain	337	Toxins, bacterial, chemistry of.....	875, 885
of testicle	891	Transplantation: See Bone; Cancer; Thyroid; Tissue; etc.	
Testicle, changes after ligation of vasa efferentia in rat.....	832	Trichomonas, pathogenicity of.....	*1009
cryptorchid, activity of.....	831	Tropics, basal metabolism of normal young man as affected by residence in.....	832
cryptorchid, and testicular hormone production	831	Trypanosoma, immunobiology of.....	885
cryptorchid, germinal epithelium of.....	280	Trypanosomiasis, treatment, substituted ureas in	874
cryptorchid, scrotal replacement of; recovery of spermatogenic function.....	279	zone phenomena in vivo trypanolysis....	725
function of interstitial tissue of.....	859	Tuber Cinereum Syndrome in rat.....	1033
histochemical study of, after autolysis...	286	Tubercle Bacillus, acidfastness, removal of. action of eucalyptol on.....	312, 487
spermatogenesis after injection of material from	831	albumin-globulin fraction of; and alkali-soluble protein of.....	478
tumors; teratoid group	891	antigenic substances of.....	494
Tetanus, agglutinins and antitoxin, in human serums	724	bacteriolysis of	884
anaerobic wound infections in Colorado..	150	chemical study of.....	475, 478
bacillus, characteristics of new type strain of	716	culture	722
bacillus, distribution of spores of, in soil.	872	culture, Löwenstein-Sumiyoshi's method for	148
bacillus, lysis, oxidation and reduction of experimental, dosage in	323	culture medium; and technic of isolating in pure culture.....	488
toxin and antitoxin, titration by flocculation method	726	cytomorphosis of	126
Tetany	282	effect of sanocrysin on....	315, 317, 719, 867
blood serum in.....	117	filtrable form of.....	488
parathyroid, phosphate and calcium mechanisms in muscle in.....	1048	in cow's milk.....	313
Thorax, bullet wound of; murder or suicide?	340	mutation forms of.....	477
roentgenography in healthy adult.....	154	new method for suspending and counting	716
Throat infections, scarlatinal, sine exanthemate	868	newer disinfectants for.....	721
Thrombus, free ball, with mitral stenosis..	461	parasitology of	* 84
Thymus: See also Status lymphaticus; Status thymicolymphaticus		survival in suspension in physiological salt solution	869
autoplastic transplants, regeneration of..	700	Tuberculin, chemical nature of active principle of	1053
glandular carcinoma of.....	142	influence of light on.....	885
growth; relation to status thymico-lymphaticus and thymic symptoms.....	739	isolation of crystalline protein with tuberculin activity	326
Thyroid, autotransplantation and homeo-transplantation of	291	reaction,	727, 728, 882
cancer, comparative pathology of.....	1061	sensitiveness, local, production of.....	727, 882, 1060
cancer, simulating hypernephroma.....	321	sensitiveness, reticulo-endothelial system in	493
deficiency, differential development in...	551	sensitiveness, significance of heterogenetic tuberculin allergy for.....	727
dysfunction, Kottmann reaction in.....	147	standardization of	327, 492
feeding, influence on islets of Langerhans hemorrhagic processes in.....	461	Tuberculosis, atypical form of.....	705
histologic studies on fat content of.....	*955	avian, experimental study of.....	130
histological changes in exophthalmic goiter after administration of iodine.....	848	blood cell volume in.....	1039
in fever and infections.....	284	blood groups in.....	883, 883
involuntional changes in cases of exophthalmic goiter; their relation to so-called adenomas	845	blood picture in, in high altitudes.....	1055
Riedel's struma of.....	349	blood vessels in.....	705
tuberculosis of	1038	caseation in	108
tumors, in cold-blooded animals.....	338	caseation in, relation of giant cells to....	291
tumors, malignant	320		

INDEX TO VOLUME 3

Tuberculosis—Continued	PAGE
cases confined to pleura, pericardium and myocardium	354
dust-borne infection in	133
experimental, comparison between action of sanocrysin and tuberculin in	317
experimental, influence of vitamin deficient diets on	718
experimental, inhalation of coal dust in	861
experimental, susceptibility of mice to	479
experimental, treated with tubercle bacilli made nonacidfast	312
formation of giant cells in	291, 298, 705
frequency of	721, 721
glutathione content of animal tissues in	303
hemoptysis in, culture of spirochete from	316
in infants and children	1056
influence of urine on hemolytic system in complement fixation reaction	332
late changes in old lesions of	295
lymphocyte in resistance to	890
miliary, localization in spleen	298
of axillary lymph nodes in tumors of mammary gland	731
of cat	122
of gallbladder	122
of liver, histogenesis of	467
of thyroid gland	1038
of tissues of mammals in culture	703
parasitology of tubercle bacillus	* 84
primary focus in	131, 318, 874, 1055
propagation of, in body	490
pulmonary, association with aspergillosis	477
pulmonary, Costa's reaction for diagnosis of activity in	1070
pulmonary, gastric mucosa in	1043
pulmonary, histology of	874
pulmonary, parasitic nodules in lungs of swine resembling	1071
pulmonary, pathology of pleural adhesions in	294
pulmonary, predilection of apexes for	854
pulmonary, renal infection in	461
pulmonary, vascular changes in caseous pneumonia	297
reinfection and primary complex in	131
reinfection, pathologic changes in lymph nodes in venous angles in	877
relation to pneumoconiosis	1043
resistance to, and blood serum cholesterol	1058
resistance to infection of animals sensitized with killed tubercle bacilli	493
sanocrysin in	315, 317, 317, 719, 867, 867, 1057
sedimentation rate in	149, 1053
serodiagnosis by Goldenberg's modification of Besredka's technic	514
serodiagnosis, new antigen for	330
serodiagnosis, nonspecific activation in complement fixation test of alcohol soluble antigens of tubercle bacillus	494
serodiagnosis, reaction for detection of precipitating antibodies	502
serodiagnosis, tubercumet reaction	882
serodiagnosis, Vernes test	556
spontaneous, in salt water fish	716
toxic alterations of leukocytes in	1056
urinary intracutaneous reaction in	139
vascular, of pia-arachnoid with fatal intracerebral hemorrhage	707
Tubercumet Reaction	882
Tularemia, agglutination, cross-agglutination and agglutinin absorption in	326
hereditary transmission by wood tick	127
in man, subcutaneous lesions in	121
in wild rats	313
laboratory infection in man	314

Tularemia—Continued	PAGE
microscopic changes of lesions in man	*577
susceptibility of coyote to	314
Tumors: See also Cancer; Sarcoma; and under names of tumors	
effect of sodium on rate of cell division in	888
giant cell	729
giant cell, of bone	887
glutathione content of	1061
incidence in lower animals	886
malignant, racial and age incidence of	*963
metabolism of	143
multiple, frequency of	1066
of brain, multiple primary	887
of kidney	336, 337
of leptomeninges; two cases in which process was revealed only by microscope	*374
of mediastinum	907
of pharyngo-hypophyseal tract	141
of suprarenals	448
of thyroid, in cold-blooded animals	338
of urachus	1039
potassium-calcium relation in tissue of	336
relation between histologic picture and prognosis of	*240
resistance in double inoculations	1065
roentgen-ray diagnosis of bone tumors	153
serial transmission by injections of leukocytes and plasma	332
toxicity of	336
transplantable, virus problem in	532
Twins, pygopagus; history and necropsy report of Bohemian twins, Rosa-Josepha Blazek	*171
Typhoid, bacillus, heredity in	1051
carriers, mercurochrome in	310
diagnosis of	712
metabolism in	459
vaccination by mouth in	499
vaccine, standardization of	499
Typhus and mouse typhus, experimental infection and immunization by mouth	884
bacteria, invisible and unculturable forms of	318
experimental	720
experimental, animals immune to	720
increase of protein in spinal fluid in	472
serologic and chemical therapy of	138
virus, filtrability of	319
Ultrafiltration through collodion membranes	735
Ultraviolet Rays, effect on normal and partially parathyroidectomized rabbits	1034
in experimental vaccination	720
susceptibility of infective agent of Rous chicken sarcoma to	1063
Undulant Fever from Brucella abortus	478
Urachus, solid tumors of	1039
Urea retention	695
Urease, isolation and crystallization of	472
recrystallization of	473
Uremia, treatment in acute nephritis in children	280
Ureter, postcaval; two cases in man	*203
Urethra, local amyloids of	856
prostatic, calculus in	152
Uric Acid excretion by kidney	286
experimental nephritis from	465
Urinary Tract infection, bacteriophage in	478
Urine, acetone bodies, determination of	513
albumin, determination of	897, 899
alkaptonuria	474
biochemical investigation of, in Olympic athletes	459
chlorine and bases in nephritis	1046

INDEX TO VOLUME 3

Urine—Continued	PAGE	Viruses—Continued	PAGE
composition of, after ingestion of glucose	696	filtrable, of typhus.....	319
in complement fixation reaction for tuberculosis.....	332	filtrable, symposium on 525, 528, 529,530, 530, 532, 532, 533, 533, 534, 534	
intestinal putrefactive products in.....	475	kryptantigenic.....	318
iodine, determination of.....	346	Vital Capacity of negro race.....	835
number of casts, red and white blood cells and epithelial cells in normal in- dividuals.....	513	Vitality, distribution of differences in, among individuals.....	549
pentosuria, carbohydrate metabolism in..	283	Vitamins, C, determining antiscorbutic value of foodstuff by histological ex- amination of teeth.....	1042
polyuria, effect upon kidney of rat.....	1036	calcium, vitamin C, vitamin D ratio in diet; effect on permeability of intestinal wall to bacteria.....	872
porphyria: See Hematoporphyria		deficiency, influence on experimental tu- berculosis.....	718
sediment of normal individuals.....	108	Washington University, Radiologic Insti- tute.....	1029
specific gravity, determination of.....	344	Wassermann Reaction and precipitation phenomena.....	1046
sugar.....	118, 474	antibodies against homologous circula- tion lipoids in.....	504
sugar, lactose and glucose calculation.....	511, 735	antigens, preparation of.....	513
Urobilin in new-born.....	119	effect of treatment on.....	880
Uterus: See also Endometrium		immunological nature of principle in serum responsible for.....	324
cervix, chancre of.....	120	origin of syphilitic blood changes and characteristics of antispirethetal serum	883
choriocarcinoma of, complicating preg- nancy.....	728	union between antigen and antibody in..	725
hypertrophy, production from serum of pregnant women.....	839	Water metabolism.....	833
lipomas of.....	732	metabolism; sugar metabolism in dehy- dration.....	101
new glass chamber for Schultz-Dale uter- ine strip method.....	*237	Western Reserve University, Institute of Pathology.....	97
Vaccinia Virus, cultivation of granules of..	125	White, W. C.: Parasitology of tubercle bacillus.....	* 84
relationships of epithelioma contagiosum virus to.....	475	Wilson, F. L.: Experiments with cellophane as sterilizable dialyzable membrane....	*239
studies on.....	530	Wilson's Syndrome: See Hepato-Lenticu- lar Degeneration	
Vagina, infectious sarcoma of, in dogs....	*193	Wollstein, M.: Renal neoplasms in young children.....	* 1
secretion, method of obtaining without vulval contamination.....	344	Wounds, bullet, of chest; murder or sui- cide?.....	340
Vasa Efferentia, ligation of.....	832	bullet, of cranium.....	1067
Vernes Test for tuberculosis.....	556	bullet, of head; murder or suicide?....	146
Veronal poisoning and veronal excretion..	1069	gunshot, homicidal, of head, in unusual localizations.....	339
poisoning, distribution of veronal in or- gans in.....	893	infections, anaerobic.....	150
Verruga Peruana: See Oroya Fever		stab, of back, suicidal.....	1068
Virilism, carcinoma of suprarenal gland with.....	728	Xanthochromia of spinal fluid in new- born.....	460
Viruses, filtrable, are certain of the ultra- viruses, filtrable stages in life cycle of ordinary bacteria?.....	533	Xanthoma Cells in breast.....	467
filtrable, cellular inclusion bodies in dis- eases due to.....	528, 1052		
filtrable, cytology of fowl-pox.....	1052		
filtrable, from Dermacentor andersoni...	308		
filtrable, in diseases of plants.....	530		
filtrable, in submaxillary glands of guinea pigs.....	870		
filtrable, new group of, the Borrellina...	129		

